

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062171.D
 Acq On : 16 Apr 2019 11:47
 Operator : FY/SY
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 11:50:11 AM

Quant Time: Apr 17 07:40:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:22:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	453212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	682935	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	539609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	293965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	77864	19.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.14%	
35) Dibromofluoromethane	4.29	113	109459	20.32	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	40.64%	
50) Toluene-d8	7.71	98	315484	20.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.08%	
62) 4-Bromofluorobenzene	11.49	95	131459	21.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	137574	20.653	ug/l	93
3) Chloromethane	1.13	50	142924	19.961	ug/l	98
4) Vinyl Chloride	1.18	62	126091	20.114	ug/l	98
5) Bromomethane	1.37	94	76160	18.929	ug/l	97
6) Chloroethane	1.44	64	55056	18.563	ug/l	95
7) Trichlorofluoromethane	1.54	101	151183	20.223	ug/l	99
8) Diethyl Ether	1.70	74	30309	20.097	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	1.91	101	96887	19.800	ug/l	100
10) Methyl Iodide	1.98	142	179702	19.701	ug/l	97
11) Tert butyl alcohol	2.69	59	23928	105.723	ug/l #	79
12) 1,1-Dichloroethene	1.86	96	100748	20.245	ug/l	98
13) Acrolein	2.10	56	19435	110.130	ug/l	91
14) Allyl chloride	2.20	41	139799	18.657	ug/l	99
15) Acrylonitrile	3.08	53	89807	107.764	ug/l	94
16) Acetone	2.34	43	80317	87.246	ug/l	95
17) Carbon Disulfide	1.89	76	275810	19.488	ug/l	96
18) Methyl Acetate	2.45	43	40681	18.625	ug/l	94
19) Methyl tert-butyl Ether	2.54	73	163061	19.699	ug/l	100
20) Methylene Chloride	2.28	84	102507m	19.434	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	93483	19.634	ug/l	95
22) Diisopropyl ether	2.93	45	272156	19.539	ug/l	96
23) Vinyl Acetate	3.34	43	732662	105.452	ug/l	100
24) 1,1-Dichloroethane	3.00	63	155372	20.032	ug/l	100
25) 2-Butanone	4.52	43	198947	100.572	ug/l	97
26) 2,2-Dichloropropane	3.77	77	84810	20.788	ug/l	98
27) cis-1,2-Dichloroethene	3.64	96	127794	20.220	ug/l	95
28) Bromochloromethane	3.90	49	80408	21.650	ug/l	95
29) Tetrahydrofuran	4.27	42	89500	101.752	ug/l	99
30) Chloroform	4.05	83	194721	20.193	ug/l	99
31) Cyclohexane	3.87	56	203260	20.300	ug/l	97
32) 1,1,1-Trichloroethane	4.28	97	133276	20.268	ug/l	99
36) 1,1-Dichloropropene	4.47	75	158569	20.898	ug/l	98
37) Ethyl Acetate	4.29	43	74310	21.254	ug/l	97
38) Carbon Tetrachloride	4.18	117	133970	20.187	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062171.D
 Acq On : 16 Apr 2019 11:47
 Operator : FY/SY
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 11:50:11 AM

Quant Time: Apr 17 07:40:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:22:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	193939	20.396	ug/l	93
40) Benzene	4.82	78	401237	20.018	ug/l	98
41) Methacrylonitrile	4.93	41	42670	20.311	ug/l	96
42) 1,2-Dichloroethane	5.12	62	100989	19.907	ug/l	97
43) Isopropyl Acetate	7.11	43	78984	19.438	ug/l #	99
44) Trichloroethene	5.68	130	112477	20.966	ug/l	94
45) 1,2-Dichloropropane	6.40	63	98400	20.012	ug/l	97
46) Dibromomethane	6.26	93	61531	20.752	ug/l	99
47) Bromodichloromethane	6.55	83	137372	20.450	ug/l	99
48) Methyl methacrylate	6.88	41	51493	19.469	ug/l	95
49) 1,4-Dioxane	6.87	88	8704	422.310	ug/l	95
51) 4-Methyl-2-Pentanone	8.40	43	347693	111.696	ug/l	99
52) Toluene	7.77	92	242032	20.555	ug/l	92
53) t-1,3-Dichloropropene	8.42	75	123083	21.154	ug/l	98
54) cis-1,3-Dichloropropene	7.46	75	147571	19.946	ug/l	99
55) 1,1,2-Trichloroethane	8.63	97	70138	20.798	ug/l	97
56) Ethyl methacrylate	8.75	69	85754	21.385	ug/l	98
57) 1,3-Dichloropropane	9.00	76	112825	20.350	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	103907	100.569	ug/l	97
59) 2-Hexanone	9.62	43	195243	98.554	ug/l	94
60) Dibromochloromethane	8.86	129	97354	20.982	ug/l	98
61) 1,2-Dibromoethane	9.12	107	72227	20.019	ug/l	100
64) Tetrachloroethene	8.30	164	93384	21.189	ug/l	97
65) Chlorobenzene	9.93	112	229862	20.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.06	131	100282	21.639	ug/l	98
67) Ethyl Benzene	10.02	91	438092	21.054	ug/l	96
68) m/p-Xylenes	10.26	106	315244	41.147	ug/l	89
69) o-Xylene	10.82	106	176218	21.249	ug/l	96
70) Styrene	10.89	104	249262	20.676	ug/l	100
71) Bromoform	10.88	173	50908	20.976	ug/l	99
73) Isopropylbenzene	11.21	105	503632	19.887	ug/l	98
74) N-amyl acetate	11.45	43	130905	19.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	89891	19.925	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	58669	19.193	ug/l	95
77) Bromobenzene	11.58	156	102265	19.417	ug/l	86
78) n-propylbenzene	11.67	91	585113	20.326	ug/l	92
79) 2-Chlorotoluene	11.80	91	340065	20.041	ug/l	98
80) 1,3,5-Trimethylbenzene	11.89	105	417915	19.786	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.93	75	29355m	17.846	ug/l	
82) 4-Chlorotoluene	11.97	91	325242	19.559	ug/l	97
83) tert-Butylbenzene	12.19	119	419745	20.013	ug/l	93
84) 1,2,4-Trimethylbenzene	12.27	105	412101	20.104	ug/l	96
85) sec-Butylbenzene	12.37	105	542970	19.688	ug/l	100
86) p-Isopropyltoluene	12.52	119	469225	19.971	ug/l	95
87) 1,3-Dichlorobenzene	12.54	146	186397	19.344	ug/l	98
88) 1,4-Dichlorobenzene	12.62	146	191044	20.335	ug/l	97
89) n-Butylbenzene	12.89	91	483127	20.545	ug/l	92
90) Hexachloroethane	12.97	117	111804	19.426	ug/l	91
91) 1,2-Dichlorobenzene	13.00	146	182224	19.705	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.69	75	14402	17.725	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062171.D
Acq On : 16 Apr 2019 11:47
Operator : FY/SY
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
4/17/2019 11:50:11 AM

Quant Time: Apr 17 07:40:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:22:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	137950	19.862	ug/l	92
94) Hexachlorobutadiene	14.23	225	89135	19.693	ug/l	98
95) Naphthalene	14.49	128	233424	19.237	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	126504	19.550	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062171.D
 Acq On : 16 Apr 2019 11:47
 Operator : FY/SY
 Sample : VSTDIC020
 Misc : 5.00µL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 11:50:11 AM

Quant Time: Apr 17 07:40:44 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:22:58 2019
 Response via : Initial Calibration

