

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF083018\
 Data File : VF060191.D
 Acq On : 29 Aug 2018 16:03
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 8/30/2018 3:04:34 PM

Quant Time: Aug 30 04:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 02:37:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	149640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	219941	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	242351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	156686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	58700	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	4.30	113	43989	28.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.42%	
50) Toluene-d8	7.71	98	110507	22.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.04%	
62) 4-Bromofluorobenzene	11.51	95	64560	32.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	65644	21.86	ug/l	100
3) Chloromethane	1.07	50	33990	27.76	ug/l	99
4) Vinyl Chloride	1.12	62	26099	22.55	ug/l	98
5) Bromomethane	1.32	94	22442	34.10	ug/l	93
6) Chloroethane	1.39	64	14413	21.08	ug/l	96
7) Trichlorofluoromethane	1.48	101	72583	14.58	ug/l	99
8) Diethyl Ether	1.70	74	10315	42.35	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	1.86	101	35041	15.99	ug/l	93
10) Methyl Iodide	1.93	142	29271	25.01	ug/l #	94
11) Tert butyl alcohol	2.69	59	16161	473.50	ug/l	95
12) 1,1-Dichloroethene	1.83	96	21877	15.81	ug/l	86
13) Acrolein	2.09	56	8279	281.63	ug/l	93
14) Allyl chloride	2.19	41	34518	27.45	ug/l	93
15) Acrylonitrile	3.07	53	22652	322.99	ug/l #	86
16) Acetone	2.34	43	72527	356.29	ug/l #	93
17) Carbon Disulfide	1.84	76	71926	17.68	ug/l	96
18) Methyl Acetate	2.45	43	21863	53.52	ug/l	100
19) Methyl tert-butyl Ether	2.54	73	78328	52.85	ug/l	96
20) Methylene Chloride	2.28	84	26773	29.70	ug/l	97
21) trans-1,2-Dichloroethene	2.41	96	24017	20.10	ug/l	96
22) Diisopropyl ether	2.93	45	75960	33.31	ug/l	95
23) Vinyl Acetate	3.33	43	269476	334.70	ug/l #	96
24) 1,1-Dichloroethane	2.99	63	53378	24.92	ug/l	99
25) 2-Butanone	4.51	43	93718	427.98	ug/l	100
26) 2,2-Dichloropropane	3.76	77	69799	40.47	ug/l	98
27) cis-1,2-Dichloroethene	3.64	96	34177	35.39	ug/l	91
28) Bromochloromethane	3.88	49	21379	39.99	ug/l	83
29) Tetrahydrofuran	4.26	42	32288	362.51	ug/l	99
30) Chloroform	4.04	83	87682	33.58	ug/l	87
31) Cyclohexane	3.86	56	36937	19.20	ug/l	92
32) 1,1,1-Trichloroethane	4.27	97	80973	24.08	ug/l	97
36) 1,1-Dichloropropene	4.46	75	50767	17.24	ug/l	98
37) Ethyl Acetate	4.29	43	36971	65.67	ug/l	90
38) Carbon Tetrachloride	4.18	117	70221	17.58	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF083018\
 Data File : VF060191.D
 Acq On : 29 Aug 2018 16:03
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 8/30/2018 3:04:34 PM

Quant Time: Aug 30 04:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 02:37:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	45182	16.42	ug/l	97
40) Benzene	4.81	78	101168	23.82	ug/l	96
41) Methacrylonitrile	4.92	41	13802	47.69	ug/l	95
42) 1,2-Dichloroethane	5.12	62	71413	39.61	ug/l	98
43) Isopropyl Acetate	7.12	43	38896	56.53	ug/l #	100
44) Trichloroethene	5.68	130	36458	20.78	ug/l	100
45) 1,2-Dichloropropane	6.41	63	31060	32.12	ug/l	97
46) Dibromomethane	6.26	93	27773	46.49	ug/l	93
47) Bromodichloromethane	6.55	83	68256	34.77	ug/l	95
48) Methyl methacrylate	6.87	41	26601	48.67	ug/l	93
49) 1,4-Dioxane	6.86	88	5545	1462.43	ug/l #	74
51) 4-Methyl-2-Pentanone	8.41	43	186951	300.98	ug/l	99
52) Toluene	7.78	92	75756	23.56	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	63849	49.40	ug/l	96
54) cis-1,3-Dichloropropene	7.46	75	64986	41.48	ug/l	97
55) 1,1,2-Trichloroethane	8.64	97	32099	45.97	ug/l	94
56) Ethyl methacrylate	8.76	69	36615	53.25	ug/l	94
57) 1,3-Dichloropropane	9.00	76	53859	44.40	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.78	63	17386	130.09	ug/l	100
59) 2-Hexanone	9.63	43	153141	327.81	ug/l	96
60) Dibromochloromethane	8.87	129	49665	43.69	ug/l	85
61) 1,2-Dibromoethane	9.14	107	36617	47.75	ug/l	97
64) Tetrachloroethene	8.31	164	37617	13.51	ug/l	93
65) Chlorobenzene	9.94	112	106333	21.77	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.07	131	43175	25.44	ug/l	91
67) Ethyl Benzene	10.04	91	192174	18.18	ug/l	95
68) m/p-Xylenes	10.27	106	138434	39.20	ug/l	97
69) o-Xylene	10.83	106	70831	21.87	ug/l	96
70) Styrene	10.90	104	113733	27.26	ug/l	95
71) Bromoform	10.89	173	33534	46.70	ug/l	92
73) Isopropylbenzene	11.23	105	240098	15.17	ug/l	98
74) N-amyl acetate	11.46	43	67718	41.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	47639	35.79	ug/l	90
76) 1,2,3-Trichloropropane	11.89	75	39217	34.79	ug/l	97
77) Bromobenzene	11.60	156	59269	23.37	ug/l	92
78) n-propylbenzene	11.69	91	277070	14.51	ug/l	96
79) 2-Chlorotoluene	11.82	91	163029	17.69	ug/l	95
80) 1,3,5-Trimethylbenzene	11.92	105	193207	15.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.96	75	13445m	40.47	ug/l	
82) 4-Chlorotoluene	11.99	91	183631	19.99	ug/l	93
83) tert-Butylbenzene	12.22	119	190783	14.88	ug/l	93
84) 1,2,4-Trimethylbenzene	12.29	105	204848	19.23	ug/l	98
85) sec-Butylbenzene	12.39	105	253192	13.51	ug/l	99
86) p-Isopropyltoluene	12.54	119	226847	16.12	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	114651	21.76	ug/l	97
88) 1,4-Dichlorobenzene	12.65	146	110304	22.70	ug/l	98
89) n-Butylbenzene	12.92	91	221074	18.06	ug/l	95
90) Hexachloroethane	13.00	117	48876	16.07	ug/l	82
91) 1,2-Dichlorobenzene	13.02	146	105164	24.75	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.72	75	12122	46.84	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF083018\
Data File : VF060191.D
Acq On : 29 Aug 2018 16:03
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

apatel
8/30/2018 3:04:34 PM

Quant Time: Aug 30 04:00:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	80094	37.53	ug/l	98
94) Hexachlorobutadiene	14.26	225	52724	15.39	ug/l	98
95) Naphthalene	14.53	128	118586	53.71	ug/l	99
96) 1,2,3-Trichlorobenzene	14.68	180	79555	43.35	ug/l	99

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

