

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009256.D
 Acq On : 24 Jan 2019 13:20
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:27 AM

Quant Time: Jan 24 13:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	84070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	138199	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	127309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	21345	20.82	ug/l	0.00
Spiked Amount			Recovery	=	41.64%	
35) Dibromofluoromethane	4.64	113	18779	20.88	ug/l	0.00
Spiked Amount			Recovery	=	41.76%	
50) Toluene-d8	7.36	98	73541	21.01	ug/l	0.00
Spiked Amount			Recovery	=	42.02%	
62) 4-Bromofluorobenzene	10.12	95	27207	20.63	ug/l	0.00
Spiked Amount			Recovery	=	41.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	12981	19.089	ug/l	92
3) Chloromethane	1.25	50	18557	20.273	ug/l	99
4) Vinyl Chloride	1.32	62	19440	18.692	ug/l	97
5) Bromomethane	1.53	94	10693	18.130	ug/l	100
6) Chloroethane	1.59	64	10430	17.943	ug/l	99
7) Trichlorofluoromethane	1.76	101	9009	12.343	ug/l	96
8) Diethyl Ether	1.96	74	9470	20.630	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.13	101	16482	18.174	ug/l	98
10) Methyl Iodide	2.25	142	25619	17.699	ug/l	98
11) Tert butyl alcohol	2.66	59	8465	126.399	ug/l #	94
12) 1,1-Dichloroethene	2.14	96	17235	19.356	ug/l	94
13) Acrolein	2.05	56	5270	88.827	ug/l	98
14) Allyl chloride	2.41	41	24979	16.277	ug/l	97
15) Acrylonitrile	2.76	53	21161	106.420	ug/l	96
16) Acetone	2.17	43	26190	94.152	ug/l	98
17) Carbon Disulfide	2.32	76	45671	16.767	ug/l	99
18) Methyl Acetate	2.44	43	14264	19.199	ug/l	99
19) Methyl tert-butyl Ether	2.79	73	26834	19.414	ug/l	96
20) Methylene Chloride	2.52	84	17980	16.817	ug/l	98
21) trans-1,2-Dichloroethene	2.78	96	17221	17.951	ug/l	92
22) Diisopropyl ether	3.32	45	62535	19.136	ug/l	90
23) Vinyl Acetate	3.30	43	190947	107.690	ug/l	98
24) 1,1-Dichloroethane	3.21	63	37015	18.206	ug/l	98
25) 2-Butanone	4.02	43	38399	120.717	ug/l	98
26) 2,2-Dichloropropane	3.95	77	19835	17.335	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	22575	19.471	ug/l	96
28) Bromochloromethane	4.29	49	14831	19.768	ug/l	94
29) Tetrahydrofuran	4.39	42	21265	122.915	ug/l	96
30) Chloroform	4.42	83	39022	19.110	ug/l	99
31) Cyclohexane	4.71	56	35905	19.345	ug/l	93
32) 1,1,1-Trichloroethane	4.64	97	30410	17.670	ug/l	100
36) 1,1-Dichloropropene	4.87	75	29023	18.915	ug/l	98
37) Ethyl Acetate	4.12	43	15284	25.919	ug/l #	92
38) Carbon Tetrachloride	4.87	117	29167	18.988	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009256.D
 Acq On : 24 Jan 2019 13:20
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:27 AM

Quant Time: Jan 24 13:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	36644	20.167	ug/l	99
40) Benzene	5.14	78	86013	20.043	ug/l	99
41) Methacrylonitrile	4.31	41	8298	23.349	ug/l	97
42) 1,2-Dichloroethane	5.17	62	26505	19.734	ug/l	96
43) Isopropyl Acetate	5.33	43	28330	24.424	ug/l	99
44) Trichloroethene	5.95	130	22823	20.210	ug/l	94
45) 1,2-Dichloropropane	6.22	63	21572	20.898	ug/l	99
46) Dibromomethane	6.35	93	12079	22.804	ug/l	97
47) Bromodichloromethane	6.55	83	27829	19.882	ug/l	97
48) Methyl methacrylate	6.42	41	13759	23.246	ug/l	99
49) 1,4-Dioxane	6.41	88	3415	506.135	ug/l	96
51) 4-Methyl-2-Pentanone	7.27	43	72427	123.038	ug/l	99
52) Toluene	7.43	92	53511	19.712	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	27418	20.126	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	31241	19.916	ug/l	99
55) 1,1,2-Trichloroethane	7.88	97	16520	22.136	ug/l	99
56) Ethyl methacrylate	7.83	69	19048	21.907	ug/l	97
57) 1,3-Dichloropropane	8.05	76	28951	21.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	1649	121.360	ug/l	97
59) 2-Hexanone	8.19	43	52823	124.067	ug/l	99
60) Dibromochloromethane	8.29	129	18324	20.970	ug/l	99
61) 1,2-Dibromoethane	8.40	107	16279	22.306	ug/l	100
64) Tetrachloroethene	8.02	164	18085	19.962	ug/l	98
65) Chlorobenzene	8.93	112	59163	19.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	20220	19.976	ug/l	98
67) Ethyl Benzene	9.05	91	102194	19.368	ug/l	99
68) m/p-Xylenes	9.18	106	79326	39.601	ug/l	96
69) o-Xylene	9.59	106	36292	19.542	ug/l	100
70) Styrene	9.60	104	58681	19.798	ug/l	99
71) Bromoform	9.77	173	10385	21.756	ug/l #	96
73) Isopropylbenzene	9.97	105	101640	19.145	ug/l	99
74) N-amyl acetate	9.84	43	22469	22.887	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	20605	23.022	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	16973m	24.113	ug/l	
77) Bromobenzene	10.26	156	23297	20.516	ug/l	95
78) n-propylbenzene	10.40	91	120894	19.208	ug/l	100
79) 2-Chlorotoluene	10.47	91	71495	18.827	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	86416	19.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	5255	21.127	ug/l	94
82) 4-Chlorotoluene	10.58	91	83981	18.776	ug/l	98
83) tert-Butylbenzene	10.91	119	81632	19.254	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	88294	19.658	ug/l	100
85) sec-Butylbenzene	11.13	105	106889	19.249	ug/l	100
86) p-Isopropyltoluene	11.29	119	93204	19.169	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	47615	20.194	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	48578	20.380	ug/l	99
89) n-Butylbenzene	11.70	91	90485	19.173	ug/l	99
90) Hexachloroethane	11.95	117	16422	18.993	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	42214	20.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	3498	23.279	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
Data File : VV009256.D
Acq On : 24 Jan 2019 13:20
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA V/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
1/25/2019 10:01:27 AM

Quant Time: Jan 24 13:41:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 01:54:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	28488	21.262	ug/l	99
94) Hexachlorobutadiene	13.49	225	16577	19.962	ug/l	100
95) Naphthalene	13.55	128	54495	23.522	ug/l	98
96) 1,2,3-Trichlorobenzene	13.80	180	24657	21.732	ug/l	99

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

