

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059783.D
 Acq On : 15 Aug 2018 00:23
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 15 08:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 08:11:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239137	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	330699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	270112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	156020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	58918	16.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	32.40%	
35) Dibromofluoromethane	5.54	113	55014	16.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.22%	
50) Toluene-d8	8.70	98	123868	18.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	36.58%	
62) 4-Bromofluorobenzene	11.92	95	61830	18.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	57246	16.61	ug/l	97
3) Chloromethane	1.47	50	31622	22.87	ug/l	88
4) Vinyl Chloride	1.55	62	32693	19.24	ug/l	97
5) Bromomethane	1.77	94	7379	10.53	ug/l	97
6) Chloroethane	1.86	64	10607	12.57	ug/l	98
7) Trichlorofluoromethane	2.07	101	48828	13.95	ug/l	97
8) Diethyl Ether	2.33	74	10042	17.60	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.54	101	30242	16.69	ug/l	88
10) Methyl Iodide	2.68	142	29470	15.05	ug/l	99
11) Tert butyl alcohol	3.26	59	11260	88.77	ug/l #	74
12) 1,1-Dichloroethene	2.53	96	20933	16.09	ug/l	94
13) Acrolein	2.46	56	7722	93.61	ug/l	85
14) Allyl chloride	2.90	41	50779	17.45	ug/l	94
15) Acrylonitrile	3.35	53	38078	116.38	ug/l	93
16) Acetone	2.60	43	45923	80.00	ug/l	95
17) Carbon Disulfide	2.75	76	64157	14.82	ug/l	98
18) Methyl Acetate	2.92	43	19824	16.97	ug/l #	90
19) Methyl tert-butyl Ether	3.40	73	109953	21.07	ug/l	99
20) Methylene Chloride	3.05	84	29412	17.26	ug/l	96
21) trans-1,2-Dichloroethene	3.37	96	41477	23.22	ug/l	97
22) Diisopropyl ether	4.05	45	144448	24.50	ug/l	92
23) Vinyl Acetate	4.01	43	428988	111.66	ug/l	99
24) 1,1-Dichloroethane	3.96	63	86972	20.81	ug/l	98
25) 2-Butanone	4.82	43	67793	101.97	ug/l	97
26) 2,2-Dichloropropane	4.78	77	81367	17.32	ug/l	97
27) cis-1,2-Dichloroethene	4.79	96	47986	22.73	ug/l	95
28) Bromochloromethane	5.14	49	33699	22.14	ug/l	94
29) Tetrahydrofuran	5.18	42	33106	130.60	ug/l	99
30) Chloroform	5.31	83	104445	19.27	ug/l	99
31) Cyclohexane	5.58	56	54645	21.87	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	91220	16.66	ug/l	97
36) 1,1-Dichloropropene	5.74	75	66711	17.90	ug/l	94
37) Ethyl Acetate	4.91	43	34487	20.81	ug/l	96
38) Carbon Tetrachloride	5.72	117	80218	14.16	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059783.D
 Acq On : 15 Aug 2018 00:23
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00µl/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 15 08:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 08:11:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	54621	19.13	ug/l	98
40) Benzene	6.00	78	140966	20.87	ug/l	100
41) Methacrylonitrile	5.12	41	15257	18.91	ug/l	97
42) 1,2-Dichloroethane	6.12	62	74718	14.99	ug/l	99
43) Isopropyl Acetate	7.61	43	41547	19.74	ug/l	98
44) Trichloroethene	6.98	130	48347	18.43	ug/l	95
45) 1,2-Dichloropropane	7.34	63	36148	20.75	ug/l	95
46) Dibromomethane	7.46	93	29470	16.95	ug/l	95
47) Bromodichloromethane	7.73	83	74285	16.32	ug/l	98
48) Methyl methacrylate	7.50	41	28682	18.99	ug/l	96
49) 1,4-Dioxane	7.49	88	5678	527.87	ug/l #	85
51) 4-Methyl-2-Pentanone	8.59	43	152514	94.17	ug/l	98
52) Toluene	8.80	92	90238	20.74	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	63992	17.41	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	64505	17.66	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	33311	19.74	ug/l	96
56) Ethyl methacrylate	9.31	69	39557	20.57	ug/l	98
57) 1,3-Dichloropropane	9.66	76	53284	19.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.18	63	97879	110.83	ug/l	97
59) 2-Hexanone	9.78	43	109564	91.89	ug/l	98
60) Dibromochloromethane	9.96	129	49661	15.98	ug/l	99
61) 1,2-Dibromoethane	10.08	107	38220	18.60	ug/l	96
64) Tetrachloroethene	9.50	164	46369	17.96	ug/l	96
65) Chlorobenzene	10.71	112	111374	20.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	47413	17.76	ug/l	98
67) Ethyl Benzene	10.85	91	197603	19.56	ug/l	97
68) m/p-Xylenes	11.01	106	130550	39.46	ug/l	97
69) o-Xylene	11.40	106	60829	19.03	ug/l	98
70) Styrene	11.43	104	108509	20.48	ug/l	99
71) Bromoform	11.60	173	33128	16.62	ug/l	96
73) Isopropylbenzene	11.77	105	189319	18.05	ug/l	99
74) N-amyl acetate	11.64	43	60134	19.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	40985	21.10	ug/l	94
76) 1,2,3-Trichloropropane	12.11	75	43845	19.47	ug/l	97
77) Bromobenzene	12.03	156	53065	17.32	ug/l	76
78) n-propylbenzene	12.15	91	242041	18.93	ug/l	98
79) 2-Chlorotoluene	12.21	91	144480	17.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	159554	17.73	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.84	75	9875	18.95	ug/l	91
82) 4-Chlorotoluene	12.32	91	179014	19.02	ug/l	92
83) tert-Butylbenzene	12.57	119	174822	17.80	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	173472	18.66	ug/l	96
85) sec-Butylbenzene	12.75	105	198326	18.81	ug/l	98
86) p-Isopropyltoluene	12.88	119	171751	18.23	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	98760	19.05	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	99508	19.04	ug/l	97
89) n-Butylbenzene	13.19	91	168863	17.96	ug/l	99
90) Hexachloroethane	13.40	117	40332	16.68	ug/l	86
91) 1,2-Dichlorobenzene	13.19	146	82816	18.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	7085	15.40	ug/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
Data File : VD059783.D
Acq On : 15 Aug 2018 00:23
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Quant Time: Aug 15 08:12:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:11:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	68720	16.66	ug/l	98
94) Hexachlorobutadiene	14.43	225	48365	14.31	ug/l	99
95) Naphthalene	14.51	128	103502	18.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	59596	16.92	ug/l	94

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

