

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
 Data File : VD059576.D
 Acq On : 24 Jul 2018 17:46
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 25 05:40:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 05:39:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	146455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	194488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	161354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	80689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.97	65	35486	33.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.28%	
35) Dibromofluoromethane	5.50	113	32833	21.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.40%	
50) Toluene-d8	8.68	98	75556	21.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.96%	
62) 4-Bromofluorobenzene	11.91	95	34609	25.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.31	85	43012	37.054	ug/l	95
3) Chloromethane	1.45	50	20159	34.442	ug/l	97
4) Vinyl Chloride	1.53	62	18520	32.572	ug/l	100
5) Bromomethane	1.74	94	3346	37.685	ug/l #	74
6) Chloroethane	1.82	64	2629	12.370	ug/l #	43
7) Trichlorofluoromethane	2.03	101	32970	32.283	ug/l	96
8) Diethyl Ether	2.30	74	5142	29.194	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.50	101	18160	32.817	ug/l	94
10) Methyl Iodide	2.64	142	20392	28.114	ug/l	91
11) Tert butyl alcohol	3.25	59	7430	214.300	ug/l #	80
12) 1,1-Dichloroethene	2.49	96	12637	28.831	ug/l	95
13) Acrolein	2.43	56	3999	112.697	ug/l	85
14) Allyl chloride	2.87	41	29602	36.744	ug/l	93
15) Acrylonitrile	3.32	53	16218	184.827	ug/l	99
16) Acetone	2.58	43	27139	209.621	ug/l	97
17) Carbon Disulfide	2.71	76	46093	29.832	ug/l	99
18) Methyl Acetate	2.89	43	9877	24.990	ug/l #	92
19) Methyl tert-butyl Ether	3.37	73	41525	27.380	ug/l	93
20) Methylene Chloride	3.02	84	15058	24.171	ug/l	97
21) trans-1,2-Dichloroethene	3.34	96	13483	24.794	ug/l	88
22) Diisopropyl ether	4.02	45	79490	30.093	ug/l	98
23) Vinyl Acetate	3.97	43	256696	188.809	ug/l	99
24) 1,1-Dichloroethane	3.92	63	50485	28.640	ug/l	98
25) 2-Butanone	4.80	43	42878	168.204	ug/l	94
26) 2,2-Dichloropropane	4.75	77	51432	43.476	ug/l	99
27) cis-1,2-Dichloroethene	4.75	96	27823	25.477	ug/l	92
28) Bromochloromethane	5.10	49	20716	32.367	ug/l	95
29) Tetrahydrofuran	5.15	42	19432	154.085	ug/l	98
30) Chloroform	5.27	83	59354	29.309	ug/l	99
31) Cyclohexane	5.55	56	37292	30.645	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	57198	31.596	ug/l	98
36) 1,1-Dichloropropene	5.70	75	40761	25.129	ug/l	97
37) Ethyl Acetate	4.88	43	20319	28.382	ug/l	96
38) Carbon Tetrachloride	5.68	117	53421	26.458	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
 Data File : VD059576.D
 Acq On : 24 Jul 2018 17:46
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 25 05:40:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 05:39:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	36312	23.093	ug/l	92
40) Benzene	5.97	78	82493	21.914	ug/l	99
41) Methacrylonitrile	5.08	41	10300	28.673	ug/l #	91
42) 1,2-Dichloroethane	6.09	62	48248	29.885	ug/l	98
43) Isopropyl Acetate	7.59	43	27466	27.779	ug/l	94
44) Trichloroethene	6.95	130	28391	17.194	ug/l	96
45) 1,2-Dichloropropane	7.31	63	21996	22.993	ug/l	99
46) Dibromomethane	7.43	93	18565	24.759	ug/l	98
47) Bromodichloromethane	7.70	83	45308	25.738	ug/l	96
48) Methyl methacrylate	7.48	41	18978	28.662	ug/l	98
49) 1,4-Dioxane	7.46	88	3669	521.274	ug/l	92
51) 4-Methyl-2-Pentanone	8.57	43	94054	141.749	ug/l	98
52) Toluene	8.78	92	55104	22.776	ug/l	100
53) t-1,3-Dichloropropene	9.16	75	39935	28.404	ug/l	97
54) cis-1,3-Dichloropropene	8.32	75	40192	26.003	ug/l	98
55) 1,1,2-Trichloroethane	9.42	97	20611	23.596	ug/l	94
56) Ethyl methacrylate	9.29	69	24500	25.808	ug/l	98
57) 1,3-Dichloropropane	9.63	76	31744	23.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.16	63	50208	116.653	ug/l	98
59) 2-Hexanone	9.76	43	72172	151.530	ug/l	96
60) Dibromochloromethane	9.93	129	33293	21.240	ug/l	99
61) 1,2-Dibromoethane	10.06	107	24390	23.729	ug/l	96
64) Tetrachloroethene	9.48	164	28809	13.312	ug/l	94
65) Chlorobenzene	10.70	112	66781	21.015	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.83	131	28233	20.854	ug/l	95
67) Ethyl Benzene	10.84	91	116273	24.456	ug/l	98
68) m/p-Xylenes	10.99	106	75542	43.543	ug/l	94
69) o-Xylene	11.39	106	37263	22.076	ug/l	95
70) Styrene	11.41	104	61742	22.136	ug/l	95
71) Bromoform	11.58	173	22973	18.395	ug/l	99
73) Isopropylbenzene	11.76	105	114710	26.530	ug/l	98
74) N-amyl acetate	11.63	43	37256	32.222	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.06	83	23692	27.193	ug/l	100
76) 1,2,3-Trichloropropane	12.09	75	27626	30.763	ug/l	99
77) Bromobenzene	12.02	156	33094	19.593	ug/l	94
78) n-propylbenzene	12.14	91	142789	28.535	ug/l	98
79) 2-Chlorotoluene	12.20	91	82941	27.850	ug/l	96
80) 1,3,5-Trimethylbenzene	12.31	105	89621	26.793	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.83	75	6392	32.557	ug/l #	85
82) 4-Chlorotoluene	12.31	91	93152	28.126	ug/l	94
83) tert-Butylbenzene	12.56	119	102023	27.849	ug/l	97
84) 1,2,4-Trimethylbenzene	12.61	105	94647	27.251	ug/l	97
85) sec-Butylbenzene	12.74	105	117084	28.312	ug/l	96
86) p-Isopropyltoluene	12.88	119	95735	25.299	ug/l	95
87) 1,3-Dichlorobenzene	12.83	146	57031	20.854	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	53925	20.122	ug/l	97
89) n-Butylbenzene	13.18	91	93941	29.707	ug/l	97
90) Hexachloroethane	13.39	117	25851	25.509	ug/l	92
91) 1,2-Dichlorobenzene	13.18	146	47354	20.937	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.76	75	4293	29.380	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
Data File : VD059576.D
Acq On : 24 Jul 2018 17:46
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Quant Time: Jul 25 05:40:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 05:39:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	37630	19.149	ug/l	98
94) Hexachlorobutadiene	14.42	225	30729	21.292	ug/l	97
95) Naphthalene	14.50	128	55919	23.488	ug/l	97
96) 1,2,3-Trichlorobenzene	14.65	180	36098	20.640	ug/l	98

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

