

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060619\
 Data File : VD062627.D
 Acq On : 6 Jun 2019 16:26
 Operator : FY/SY
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 07 04:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	635211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	787599	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	696674	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	347368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	46038	5.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.62%	
35) Dibromofluoromethane	6.94	113	44281	5.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.02%	
50) Toluene-d8	10.42	98	92244	5.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.54%	
62) 4-Bromofluorobenzene	13.56	95	46726	5.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	60618	7.752	ug/l	99
3) Chloromethane	1.75	50	39911	6.562	ug/l #	83
4) Vinyl Chloride	1.86	62	35915	5.991	ug/l	100
5) Bromomethane	2.15	94	21452	7.069	ug/l	94
6) Chloroethane	2.27	64	17623	5.712	ug/l	99
7) Trichlorofluoromethane	2.54	101	83021	6.250	ug/l	83
8) Diethyl Ether	2.88	74	10388	6.092	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.15	101	40813	5.410	ug/l #	82
10) Methyl Iodide	3.31	142	44789	4.764	ug/l #	97
11) Tert butyl alcohol	4.09	59	11047	29.261	ug/l #	70
12) 1,1-Dichloroethene	3.14	96	29142	5.355	ug/l	98
13) Acrolein	3.03	56	4831	35.383	ug/l #	78
14) Allyl chloride	3.63	41	45157	5.449	ug/l	90
15) Acrylonitrile	4.21	53	22309	26.586	ug/l #	78
16) Acetone	3.24	43	39868	25.430	ug/l	99
17) Carbon Disulfide	3.38	76	81665	5.143	ug/l	97
18) Methyl Acetate	3.65	43	18164	6.629	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	72489	5.442	ug/l	100
20) Methylene Chloride	3.83	84	35023	5.858	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	32854	5.477	ug/l	88
22) Diisopropyl ether	5.13	45	91192	5.233	ug/l	92
23) Vinyl Acetate	5.07	43	261163	24.362	ug/l #	95
24) 1,1-Dichloroethane	5.01	63	55547	5.010	ug/l #	94
25) 2-Butanone	6.09	43	36287	24.904	ug/l	95
26) 2,2-Dichloropropane	6.03	77	60113	4.963	ug/l	87
27) cis-1,2-Dichloroethene	6.04	96	32108	5.056	ug/l	89
28) Bromochloromethane	6.44	49	23542	5.570	ug/l	89
29) Tetrahydrofuran	6.47	42	17496	25.743	ug/l	94
30) Chloroform	6.67	83	73329	5.283	ug/l	96
31) Cyclohexane	6.97	56	37423	5.250	ug/l #	89
32) 1,1,1-Trichloroethane	6.89	97	81764	5.803	ug/l	92
36) 1,1-Dichloropropene	7.15	75	46032	5.399	ug/l #	84
37) Ethyl Acetate	6.20	43	33509	9.807	ug/l #	91
38) Carbon Tetrachloride	7.12	117	81985	6.454	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060619\
 Data File : VD062627.D
 Acq On : 6 Jun 2019 16:26
 Operator : FY/SY
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Quant Time: Jun 07 04:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	39692	5.556	ug/l	94
40) Benzene	7.47	78	94879	5.764	ug/l	99
41) Methacrylonitrile	6.46	41	24162	5.520	ug/l #	82
42) 1,2-Dichloroethane	7.59	62	58079	5.907	ug/l	99
43) Isopropyl Acetate	9.26	43	25207	5.428	ug/l #	86
44) Trichloroethene	8.55	130	38594	5.682	ug/l	91
45) 1,2-Dichloropropane	8.96	63	24492	5.984	ug/l	97
46) Dibromomethane	9.07	93	21201	5.840	ug/l	88
47) Bromodichloromethane	9.39	83	54759	5.627	ug/l #	98
48) Methyl methacrylate	9.14	41	18744	5.981	ug/l	89
49) 1,4-Dioxane	9.11	88	2707	107.796	ug/l #	74
51) 4-Methyl-2-Pentanone	10.31	43	98123	31.998	ug/l	92
52) Toluene	10.52	92	62468	5.624	ug/l	81
53) t-1,3-Dichloropropene	10.93	75	43502	5.336	ug/l	93
54) cis-1,3-Dichloropropene	10.06	75	45718	5.540	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	26864	7.090	ug/l #	83
56) Ethyl methacrylate	11.05	69	21339	5.211	ug/l	90
57) 1,3-Dichloropropane	11.42	76	33145	5.682	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	70163	32.599	ug/l	90
59) 2-Hexanone	11.54	43	65119	28.160	ug/l	91
60) Dibromochloromethane	11.69	129	42353	5.721	ug/l	87
61) 1,2-Dibromoethane	11.82	107	24864	5.377	ug/l	93
64) Tetrachloroethene	11.27	164	37969	6.109	ug/l	92
65) Chlorobenzene	12.41	112	71247	4.978	ug/l	93
66) 1,1,1,2-Tetrachloroethane	12.53	131	38958	5.643	ug/l	95
67) Ethyl Benzene	12.53	91	142405	5.466	ug/l	95
68) m/p-Xylenes	12.68	106	95905	10.611	ug/l	78
69) o-Xylene	13.06	106	46535	5.370	ug/l	98
70) Styrene	13.08	104	76370	5.227	ug/l	96
71) Bromoform	13.25	173	25019	5.305	ug/l #	88
73) Isopropylbenzene	13.41	105	151683	6.322	ug/l	100
74) N-amyl acetate	13.28	43	31085	5.009	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	25676	6.417	ug/l	93
76) 1,2,3-Trichloropropane	13.74	75	27287	5.999	ug/l	78
77) Bromobenzene	13.68	156	41242	6.218	ug/l	74
78) n-propylbenzene	13.78	91	171383	6.084	ug/l	93
79) 2-Chlorotoluene	13.85	91	99524	5.914	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	124407	5.884	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	5386	4.676	ug/l #	48
82) 4-Chlorotoluene	13.96	91	123299	6.140	ug/l	85
83) tert-Butylbenzene	14.20	119	144445	6.304	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	119270	5.634	ug/l	93
85) sec-Butylbenzene	14.38	105	146571	6.175	ug/l	94
86) p-Isopropyltoluene	14.50	119	143858	6.310	ug/l	100
87) 1,3-Dichlorobenzene	14.47	146	73326	6.414	ug/l	93
88) 1,4-Dichlorobenzene	14.55	146	67998	5.945	ug/l	95
89) n-Butylbenzene	14.80	91	127598	6.126	ug/l	93
90) Hexachloroethane	15.02	117	34038	5.718	ug/l	95
91) 1,2-Dichlorobenzene	14.82	146	61342	5.977	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	5063	6.170	ug/l #	73

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060619\
Data File : VD062627.D
Acq On : 6 Jun 2019 16:26
Operator : FY/SY
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 04:12:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 07 04:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	45065	5.950	ug/l	95
94) Hexachlorobutadiene	16.04	225	35202	6.200	ug/l	97
95) Naphthalene	16.13	128	59307	5.519	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	34016	5.947	ug/l	94

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

