

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061297.D
 Acq On : 25 Mar 2019 11:47
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 26 02:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 01:57:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	738383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1169927	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	993774	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	445647	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	116051	18.21	ug/l	0.02
Spiked Amount	50.000		Recovery	=	36.42%	
35) Dibromofluoromethane	6.94	113	169727	18.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.92%	
50) Toluene-d8	10.43	98	432081	19.91	ug/l	0.02
Spiked Amount	50.000		Recovery	=	39.82%	
62) 4-Bromofluorobenzene	13.57	95	166001	19.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	39.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	146290	19.366	ug/l	98
3) Chloromethane	1.78	50	112311	19.063	ug/l	99
4) Vinyl Chloride	1.87	62	108964	19.783	ug/l	100
5) Bromomethane	2.17	94	19061	16.714	ug/l	94
6) Chloroethane	2.28	64	25997	14.997	ug/l	92
7) Trichlorofluoromethane	2.54	101	163684	20.072	ug/l	96
8) Diethyl Ether	2.89	74	46701	19.284	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.17	101	154076	18.586	ug/l	95
10) Methyl Iodide	3.33	142	221477	19.125	ug/l	100
11) Tert butyl alcohol	4.08	59	30833	90.898	ug/l #	95
12) 1,1-Dichloroethene	3.14	96	133456	18.711	ug/l	96
13) Acrolein	3.06	56	41503	111.629	ug/l	98
14) Allyl chloride	3.65	41	191112	18.920	ug/l	97
15) Acrylonitrile	4.22	53	110733	92.823	ug/l	98
16) Acetone	3.24	43	117000	76.689	ug/l	100
17) Carbon Disulfide	3.39	76	458962	19.359	ug/l	99
18) Methyl Acetate	3.66	43	53242	18.480	ug/l	93
19) Methyl tert-butyl Ether	4.26	73	237335	18.884	ug/l	98
20) Methylene Chloride	3.83	84	151840	17.551	ug/l	96
21) trans-1,2-Dichloroethene	4.24	96	154291	19.327	ug/l	90
22) Diisopropyl ether	5.14	45	405453	19.056	ug/l	98
23) Vinyl Acetate	5.07	43	1034958	91.118	ug/l	100
24) 1,1-Dichloroethane	5.00	63	225086	18.127	ug/l	100
25) 2-Butanone	6.09	43	156551	88.802	ug/l	100
26) 2,2-Dichloropropane	6.05	77	201485	19.132	ug/l	95
27) cis-1,2-Dichloroethene	6.06	96	164595	19.173	ug/l	97
28) Bromochloromethane	6.46	49	95469	18.367	ug/l	95
29) Tetrahydrofuran	6.48	42	74943	85.406	ug/l	97
30) Chloroform	6.69	83	247505	18.695	ug/l	99
31) Cyclohexane	6.97	56	191635	19.014	ug/l	96
32) 1,1,1-Trichloroethane	6.89	97	220915	18.844	ug/l	99
36) 1,1-Dichloropropene	7.16	75	185442	19.380	ug/l	100
37) Ethyl Acetate	6.20	43	71037	17.826	ug/l #	94
38) Carbon Tetrachloride	7.13	117	211606	18.711	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061297.D
 Acq On : 25 Mar 2019 11:47
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 26 02:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 01:57:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	203880	20.556	ug/l	96
40) Benzene	7.48	78	469431	19.734	ug/l	99
41) Methacrylonitrile	6.46	41	85922	18.490	ug/l	99
42) 1,2-Dichloroethane	7.60	62	143395	19.345	ug/l	99
43) Isopropyl Acetate	9.26	43	112523	19.520	ug/l #	98
44) Trichloroethene	8.56	130	163384	19.004	ug/l	98
45) 1,2-Dichloropropane	8.96	63	115438	19.675	ug/l	97
46) Dibromomethane	9.08	93	77397	19.240	ug/l	98
47) Bromodichloromethane	9.40	83	184429	19.564	ug/l	99
48) Methyl methacrylate	9.14	41	57556	18.706	ug/l	99
49) 1,4-Dioxane	9.09	88	12314	364.766	ug/l #	83
51) 4-Methyl-2-Pentanone	10.32	43	332604	96.922	ug/l	98
52) Toluene	10.53	92	296509	20.385	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	151444	18.487	ug/l	97
54) cis-1,3-Dichloropropene	10.06	75	187866	18.780	ug/l	99
55) 1,1,2-Trichloroethane	11.21	97	97342	20.157	ug/l	98
56) Ethyl methacrylate	11.06	69	103406	20.067	ug/l	98
57) 1,3-Dichloropropane	11.42	76	139676	19.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.88	63	291590	108.768	ug/l	100
59) 2-Hexanone	11.55	43	229808	92.204	ug/l	97
60) Dibromochloromethane	11.70	129	150615	19.912	ug/l	100
61) 1,2-Dibromoethane	11.82	107	111919	19.835	ug/l	97
64) Tetrachloroethene	11.28	164	139081	20.316	ug/l	98
65) Chlorobenzene	12.42	112	375746	20.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	144829	20.408	ug/l	94
67) Ethyl Benzene	12.54	91	594278	21.214	ug/l	98
68) m/p-Xylenes	12.68	106	443539	40.562	ug/l	98
69) o-Xylene	13.07	106	206204	20.332	ug/l	99
70) Styrene	13.09	104	352084	20.455	ug/l	99
71) Bromoform	13.25	173	80415	18.517	ug/l	98
73) Isopropylbenzene	13.42	105	550142	18.980	ug/l	99
74) N-amyl acetate	13.28	43	138557	18.271	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.72	83	108797	19.355	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	105229	18.987	ug/l	100
77) Bromobenzene	13.69	156	154941	19.137	ug/l	99
78) n-propylbenzene	13.79	91	678828	20.758	ug/l	100
79) 2-Chlorotoluene	13.85	91	397925	20.941	ug/l	99
80) 1,3,5-Trimethylbenzene	14.26	105	472681	20.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.49	75	31369	17.935	ug/l	92
82) 4-Chlorotoluene	13.96	91	433182	20.810	ug/l	100
83) tert-Butylbenzene	14.21	119	509246	19.505	ug/l	99
84) 1,2,4-Trimethylbenzene	14.26	105	472681	20.671	ug/l	99
85) sec-Butylbenzene	14.39	105	620661	21.346	ug/l	99
86) p-Isopropyltoluene	14.50	119	517866	19.964	ug/l	99
87) 1,3-Dichlorobenzene	14.48	146	281855	19.639	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	255055	18.347	ug/l	99
89) n-Butylbenzene	14.82	91	464851	20.184	ug/l	96
90) Hexachloroethane	15.03	117	141521	20.348	ug/l	99
91) 1,2-Dichlorobenzene	14.83	146	232064	20.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.40	75	12970	18.466	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061297.D
Acq On : 25 Mar 2019 11:47
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Quant Time: Mar 26 02:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 01:57:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	87037	16.457	ug/l	97
94) Hexachlorobutadiene	16.05	225	78847	18.501	ug/l	97
95) Naphthalene	16.14	128	130784	16.950	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	41831	16.935	ug/l	94

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

