

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067406.D
 Acq On : 27 Oct 2020 12:44
 Operator : VA/SY
 Sample : VD1027SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 11:45:29 AM

Quant Time: Oct 28 01:10:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	302226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	455107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	152382	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.92	113	154689	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.34	98	559273	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	202122	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52556	18.949	ug/l	89
3) Chloromethane	2.21	50	36324	19.097	ug/l	99
4) Vinyl Chloride	2.35	62	39676	19.011	ug/l	98
5) Bromomethane	2.76	94	30817	19.801	ug/l	91
6) Chloroethane	2.91	64	24536	18.878	ug/l	91
7) Trichlorofluoromethane	3.27	101	109901	20.913	ug/l	98
8) Diethyl Ether	3.71	74	23286	19.364	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58332	20.892	ug/l	100
10) Methyl Iodide	4.30	142	49937	19.389	ug/l	99
11) Tert butyl alcohol	5.21	59	20410	102.806	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	53242	21.345	ug/l	92
13) Acrolein	3.93	56	8989	67.033	ug/l	99
14) Allyl chloride	4.71	41	56454	19.764	ug/l	99
15) Acrylonitrile	5.41	53	41648	103.797	ug/l	98
16) Acetone	4.16	43	43754	103.181	ug/l	99
17) Carbon Disulfide	4.40	76	133174	18.728	ug/l	100
18) Methyl Acetate	4.72	43	19834	20.507	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	101418	20.448	ug/l	98
20) Methylene Chloride	4.96	84	65824	21.692	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	58879	20.512	ug/l	95
22) Diisopropyl ether	6.37	45	114228	21.891	ug/l	91
23) Vinyl Acetate	6.31	43	303218	102.139	ug/l	100
24) 1,1-Dichloroethane	6.27	63	97070	21.732	ug/l	99
25) 2-Butanone	7.22	43	50244	103.944	ug/l	96
26) 2,2-Dichloropropane	7.21	77	96451	20.949	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	64531	20.513	ug/l	99
28) Bromochloromethane	7.55	49	28943	18.997	ug/l	96
29) Tetrahydrofuran	7.57	42	26718	99.435	ug/l	94
30) Chloroform	7.71	83	114011	21.367	ug/l	92
31) Cyclohexane	7.99	56	71847	20.602	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	110468	21.100	ug/l	96
36) 1,1-Dichloropropene	8.11	75	79246	20.544	ug/l	98
37) Ethyl Acetate	7.30	43	22701	20.003	ug/l	97
38) Carbon Tetrachloride	8.10	117	104098	21.115	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81430	20.193	ug/l	95
40) Benzene	8.36	78	221551	20.936	ug/l	98
41) Methacrylonitrile	7.52	41	10321	16.829	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	71288	21.526	ug/l	100
43) Isopropyl Acetate	8.46	43	45297	20.115	ug/l	94
44) Trichloroethene	9.11	130	70311	20.752	ug/l	92
45) 1,2-Dichloropropane	9.39	63	50544	20.609	ug/l	99
46) Dibromomethane	9.48	93	31081	20.341	ug/l	95
47) Bromodichloromethane	9.67	83	87639	21.407	ug/l	96
48) Methyl methacrylate	9.46	41	20677	18.894	ug/l	96
49) 1,4-Dioxane	9.47	88	6130	396.210	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	116275	103.522	ug/l	100
52) Toluene	10.41	92	155918	21.633	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	75931	21.113	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	86713	20.603	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	43488	20.871	ug/l #	87
56) Ethyl methacrylate	10.67	69	45219	20.925	ug/l	97
57) 1,3-Dichloropropane	10.95	76	69890	21.076	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	116892	105.442	ug/l	99
59) 2-Hexanone	10.99	43	79047	102.991	ug/l	97
60) Dibromochloromethane	11.14	129	63338	20.843	ug/l	99
61) 1,2-Dibromoethane	11.25	107	42707	20.790	ug/l	99
64) Tetrachloroethene	10.88	164	63291	20.803	ug/l	91
65) Chlorobenzene	11.67	112	170978	21.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	69252	21.639	ug/l	99
67) Ethyl Benzene	11.75	91	295211	21.387	ug/l	99
68) m/p-Xylenes	11.86	106	231109	43.479	ug/l	99
69) o-Xylene	12.18	106	104453	21.221	ug/l	94
70) Styrene	12.20	104	178819	21.104	ug/l	99
71) Bromoform	12.37	173	37237	21.658	ug/l #	99
73) Isopropylbenzene	12.48	105	295325	21.450	ug/l	99
74) N-amyl acetate	12.29	43	42520	20.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	44421	21.056	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	27178m	18.076	ug/l	
77) Bromobenzene	12.77	156	73307	21.356	ug/l	99
78) n-propylbenzene	12.83	91	340768	21.362	ug/l	99
79) 2-Chlorotoluene	12.91	91	197316	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	253785	21.211	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13621	20.543	ug/l	93
82) 4-Chlorotoluene	13.01	91	209776	21.365	ug/l	99
83) tert-Butylbenzene	13.23	119	221702	21.936	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	257394	21.766	ug/l	100
85) sec-Butylbenzene	13.41	105	295988	21.344	ug/l	98
86) p-Isopropyltoluene	13.52	119	281901	21.537	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	143600	21.735	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	141760	21.657	ug/l	100
89) n-Butylbenzene	13.85	91	241560	20.977	ug/l	100
90) Hexachloroethane	14.12	117	48270	21.132	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	122130	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7731	20.172	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	81320	20.897	ug/l	99
94) Hexachlorobutadiene	15.27	225	53218	22.022	ug/l	98
95) Naphthalene	15.41	128	127046	19.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	72471	21.557	ug/l	99

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

