

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067168.D
 Acq On : 07 Oct 2020 23:45
 Operator : VA/SY
 Sample : VD1007SBSD02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:39 PM

Quant Time: Oct 08 08:40:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	348031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	553360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	515758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178667	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.91	113	194766	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	10.34	98	703646	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.64	95	247519	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73470	23.606	ug/l	92
3) Chloromethane	2.21	50	53082	19.152	ug/l	95
4) Vinyl Chloride	2.35	62	56736	20.415	ug/l	97
5) Bromomethane	2.76	94	44495	22.453	ug/l	99
6) Chloroethane	2.92	64	34867	20.601	ug/l	99
7) Trichlorofluoromethane	3.27	101	124245	20.122	ug/l	99
8) Diethyl Ether	3.71	74	31605	20.641	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	66680	19.106	ug/l	95
10) Methyl Iodide	4.30	142	68986	20.344	ug/l	99
11) Tert butyl alcohol	5.22	59	26694	108.342	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	61944	18.881	ug/l	95
13) Acrolein	3.93	56	18009	80.231	ug/l	94
14) Allyl chloride	4.71	41	77986	18.298	ug/l	94
15) Acrylonitrile	5.41	53	55716	98.869	ug/l	99
16) Acetone	4.16	43	45495	88.906	ug/l	93
17) Carbon Disulfide	4.41	76	193008	19.169	ug/l	99
18) Methyl Acetate	4.71	43	27478	21.365	ug/l	91
19) Methyl tert-butyl Ether	5.49	73	132206	22.074	ug/l	92
20) Methylene Chloride	4.96	84	91385	20.937	ug/l	89
21) trans-1,2-Dichloroethene	5.47	96	75419	20.200	ug/l	95
22) Diisopropyl ether	6.36	45	152583	19.610	ug/l	93
23) Vinyl Acetate	6.30	43	409433	92.859	ug/l	99
24) 1,1-Dichloroethane	6.27	63	122648	20.425	ug/l	99
25) 2-Butanone	7.21	43	66670	91.895	ug/l	99
26) 2,2-Dichloropropane	7.21	77	104506	17.686	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	82399	20.664	ug/l	99
28) Bromochloromethane	7.55	49	42115	18.161	ug/l	89
29) Tetrahydrofuran	7.56	42	38277	91.757	ug/l	93
30) Chloroform	7.71	83	141354	21.700	ug/l	99
31) Cyclohexane	7.98	56	88155	17.511	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	124505	20.624	ug/l	99
36) 1,1-Dichloropropene	8.11	75	96266	18.664	ug/l	96
37) Ethyl Acetate	7.30	43	31800	17.797	ug/l	97
38) Carbon Tetrachloride	8.10	117	116013	20.788	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	97573	17.893	ug/l	93
40) Benzene	8.35	78	287786	20.088	ug/l	100
41) Methacrylonitrile	7.53	41	16042	16.618	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	86580	21.627	ug/l	97
43) Isopropyl Acetate	8.45	43	61491	18.680	ug/l	94
44) Trichloroethene	9.11	130	88865	20.773	ug/l	93
45) 1,2-Dichloropropane	9.39	63	68312	20.294	ug/l	95
46) Dibromomethane	9.47	93	39775	20.559	ug/l	92
47) Bromodichloromethane	9.66	83	106197	21.116	ug/l #	93
48) Methyl methacrylate	9.46	41	27894	16.540	ug/l #	69
49) 1,4-Dioxane	9.46	88	7856	389.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	155702	94.962	ug/l	96
52) Toluene	10.40	92	199410	21.608	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	95850	21.325	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	113518	20.683	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	57658	21.436	ug/l	99
56) Ethyl methacrylate	10.66	69	57839	20.827	ug/l	98
57) 1,3-Dichloropropane	10.95	76	93186	21.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	153524	99.325	ug/l	95
59) 2-Hexanone	10.98	43	105528	96.430	ug/l	100
60) Dibromochloromethane	11.14	129	81208	22.652	ug/l	96
61) 1,2-Dibromoethane	11.25	107	55909	21.635	ug/l	97
64) Tetrachloroethene	10.87	164	78999	21.069	ug/l	92
65) Chlorobenzene	11.67	112	216718	21.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85648	21.950	ug/l	98
67) Ethyl Benzene	11.74	91	363109	20.660	ug/l	96
68) m/p-Xylenes	11.86	106	290373	42.393	ug/l	98
69) o-Xylene	12.18	106	127735	20.854	ug/l	93
70) Styrene	12.20	104	234039	22.252	ug/l	99
71) Bromoform	12.36	173	46414	22.916	ug/l #	96
73) Isopropylbenzene	12.48	105	362092	20.770	ug/l	100
74) N-amyl acetate	12.29	43	56765	18.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	58966	20.075	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	41481m	18.548	ug/l	
77) Bromobenzene	12.77	156	92315	21.930	ug/l	94
78) n-propylbenzene	12.83	91	419264	20.349	ug/l	99
79) 2-Chlorotoluene	12.91	91	245069	20.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	309134	20.988	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17293	19.278	ug/l	97
82) 4-Chlorotoluene	13.01	91	265423	21.163	ug/l	100
83) tert-Butylbenzene	13.23	119	262174	21.137	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	315093	21.436	ug/l	98
85) sec-Butylbenzene	13.41	105	349134	19.988	ug/l	99
86) p-Isopropyltoluene	13.52	119	331553	20.474	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	175578	21.413	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	171492	20.917	ug/l	98
89) n-Butylbenzene	13.85	91	289071	19.532	ug/l	99
90) Hexachloroethane	14.12	117	56188	19.808	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	154116	21.522	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9012	19.033	ug/l	92

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93) 1,2,4-Trichlorobenzene	15.17	180	95715	20.664	ug/l	99
94) Hexachlorobutadiene	15.28	225	55621	19.553	ug/l	98
95) Naphthalene	15.41	128	160045	20.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	86791	21.585	ug/l	98

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

