

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067783.D
 Acq On : 25 Nov 2020 13:27
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:58:58 AM

Quant Time: Nov 26 01:59:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	357196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	331764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	132713	54.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.80%
35) Dibromofluoromethane	7.91	113	120894	53.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.36%
50) Toluene-d8	10.34	98	453402	54.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.10%
62) 4-Bromofluorobenzene	12.64	95	158675	55.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40641	18.785	ug/l	95
3) Chloromethane	2.21	50	27426	22.770	ug/l	91
4) Vinyl Chloride	2.35	62	31603	20.939	ug/l	95
5) Bromomethane	2.76	94	30801	23.953	ug/l	96
6) Chloroethane	2.92	64	20986	20.863	ug/l	98
7) Trichlorofluoromethane	3.27	101	96078	20.861	ug/l	100
8) Diethyl Ether	3.71	74	19268	20.721	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	44675	20.257	ug/l	98
10) Methyl Iodide	4.30	142	42907	19.007	ug/l	98
11) Tert butyl alcohol	5.20	59	18488m	124.548	ug/l	
12) 1,1-Dichloroethene	4.07	96	41897	20.530	ug/l	94
13) Acrolein	3.93	56	9556	95.375	ug/l	89
14) Allyl chloride	4.71	41	41417	20.995	ug/l	98
15) Acrylonitrile	5.42	53	31899	98.494	ug/l	94
16) Acetone	4.16	43	29854	95.600	ug/l	93
17) Carbon Disulfide	4.41	76	122607	20.772	ug/l	96
18) Methyl Acetate	4.71	43	12349	19.656	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	90355	20.717	ug/l #	91
20) Methylene Chloride	4.96	84	53443	17.975	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	49867	21.493	ug/l	90
22) Diisopropyl ether	6.37	45	83435	21.427	ug/l	94
23) Vinyl Acetate	6.30	43	223081	101.559	ug/l	97
24) 1,1-Dichloroethane	6.27	63	73381	22.227	ug/l	95
25) 2-Butanone	7.21	43	32592	93.007	ug/l	93
26) 2,2-Dichloropropane	7.21	77	80381	20.638	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	54783	22.152	ug/l	96
28) Bromochloromethane	7.55	49	21165	20.014	ug/l	98
29) Tetrahydrofuran	7.57	42	19421	97.477	ug/l	91
30) Chloroform	7.71	83	93436	21.643	ug/l	94
31) Cyclohexane	7.98	56	59524	20.351	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	97010	21.218	ug/l	99
36) 1,1-Dichloropropene	8.11	75	63133	20.597	ug/l	97
37) Ethyl Acetate	7.29	43	16501	20.021	ug/l #	94
38) Carbon Tetrachloride	8.10	117	91841	20.671	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	76781	21.167	ug/l	96
40) Benzene	8.36	78	184004	21.858	ug/l	98
41) Methacrylonitrile	7.52	41	9633	22.889	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	61855	21.655	ug/l	100
43) Isopropyl Acetate	8.45	43	32860	19.964	ug/l	97
44) Trichloroethene	9.11	130	60711	21.760	ug/l	99
45) 1,2-Dichloropropane	9.39	63	37236	21.557	ug/l	97
46) Dibromomethane	9.48	93	24450	20.791	ug/l	96
47) Bromodichloromethane	9.67	83	69837	21.326	ug/l #	89
48) Methyl methacrylate	9.46	41	16187	19.671	ug/l	97
49) 1,4-Dioxane	9.46	88	4786	375.531	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	78437	101.274	ug/l	98
52) Toluene	10.41	92	128573	22.514	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	59967	20.960	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	68846	21.263	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	33394	21.163	ug/l	96
56) Ethyl methacrylate	10.67	69	33204	20.325	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52890	21.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	72608	95.122	ug/l	100
59) 2-Hexanone	10.98	43	53959	98.678	ug/l	97
60) Dibromochloromethane	11.14	129	52286	21.745	ug/l	99
61) 1,2-Dibromoethane	11.25	107	33289	21.411	ug/l	100
64) Tetrachloroethene	10.88	164	55590	21.589	ug/l	92
65) Chlorobenzene	11.67	112	142571	21.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	58282	22.097	ug/l	98
67) Ethyl Benzene	11.75	91	242876	21.576	ug/l	94
68) m/p-Xylenes	11.86	106	192650	43.978	ug/l	100
69) o-Xylene	12.18	106	87279	21.883	ug/l	98
70) Styrene	12.20	104	150010	22.081	ug/l	98
71) Bromoform	12.36	173	29610	20.680	ug/l #	98
73) Isopropylbenzene	12.48	105	241830	21.890	ug/l	98
74) N-amyl acetate	12.29	43	28377	19.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	29252	19.730	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	23370m	19.971	ug/l	
77) Bromobenzene	12.76	156	59020	21.342	ug/l	99
78) n-propylbenzene	12.82	91	277255	22.558	ug/l	98
79) 2-Chlorotoluene	12.91	91	158157	21.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	211430	22.004	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10154	20.295	ug/l	92
82) 4-Chlorotoluene	13.01	91	171041	22.059	ug/l	100
83) tert-Butylbenzene	13.23	119	179643	21.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	213021	22.193	ug/l	99
85) sec-Butylbenzene	13.40	105	238018	21.943	ug/l	100
86) p-Isopropyltoluene	13.52	119	235837	22.447	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	113625	21.230	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	114429	21.583	ug/l	98
89) n-Butylbenzene	13.84	91	194342	21.586	ug/l	99
90) Hexachloroethane	14.11	117	41783	20.891	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	102633	22.261	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6339	19.831	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65676	20.118	ug/l	97
94) Hexachlorobutadiene	15.27	225	44157	21.170	ug/l	97
95) Naphthalene	15.40	128	102255	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	58026	20.867	ug/l	99

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

