

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067784.D
 Acq On : 25 Nov 2020 13:54
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:59:00 AM

Quant Time: Nov 26 02:00:55 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	254575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	367132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	336425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	135135	54.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.18%
35) Dibromofluoromethane	7.92	113	128731	55.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.20%
50) Toluene-d8	10.34	98	462337	54.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.24%
62) 4-Bromofluorobenzene	12.64	95	157508	53.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	41108	18.555	ug/l	95
3) Chloromethane	2.21	50	26203	21.245	ug/l	96
4) Vinyl Chloride	2.35	62	29069	18.809	ug/l	91
5) Bromomethane	2.76	94	27134	20.607	ug/l	93
6) Chloroethane	2.92	64	20728	20.124	ug/l	99
7) Trichlorofluoromethane	3.27	101	91030	19.302	ug/l	92
8) Diethyl Ether	3.71	74	18638	19.574	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	43402	19.218	ug/l	97
10) Methyl Iodide	4.30	142	42495	18.384	ug/l	99
11) Tert butyl alcohol	5.23	59	19107	126.168	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	40588	19.423	ug/l	95
13) Acrolein	3.91	56	11350	110.626	ug/l	93
14) Allyl chloride	4.72	41	39836	19.721	ug/l	98
15) Acrylonitrile	5.42	53	34220	103.185	ug/l	100
16) Acetone	4.15	43	29929	93.595	ug/l #	83
17) Carbon Disulfide	4.41	76	112481	18.610	ug/l	98
18) Methyl Acetate	4.71	43	12054	18.737	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	85770	19.205	ug/l	98
20) Methylene Chloride	4.97	84	52273	16.790	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	45052	18.963	ug/l	95
22) Diisopropyl ether	6.36	45	83187	20.862	ug/l	90
23) Vinyl Acetate	6.31	43	226842	100.852	ug/l	97
24) 1,1-Dichloroethane	6.27	63	67870	20.076	ug/l	98
25) 2-Butanone	7.21	43	37060	103.280	ug/l	89
26) 2,2-Dichloropropane	7.21	77	78877	19.778	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	50431	19.915	ug/l	99
28) Bromochloromethane	7.55	49	21022	19.413	ug/l	96
29) Tetrahydrofuran	7.57	42	20941	102.643	ug/l	98
30) Chloroform	7.71	83	91853	20.778	ug/l	93
31) Cyclohexane	7.98	56	56273	18.789	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	92677	19.795	ug/l	98
36) 1,1-Dichloropropene	8.11	75	61677	19.578	ug/l	100
37) Ethyl Acetate	7.30	43	16793	19.824	ug/l	97
38) Carbon Tetrachloride	8.10	117	88962	19.481	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70345	18.868	ug/l	91
40) Benzene	8.36	78	174715	20.193	ug/l	100
41) Methacrylonitrile	7.53	41	8015	18.529	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	58835	20.040	ug/l	99
43) Isopropyl Acetate	8.46	43	33639	19.885	ug/l	97
44) Trichloroethene	9.12	130	56647	19.754	ug/l	95
45) 1,2-Dichloropropane	9.39	63	35467	19.977	ug/l	100
46) Dibromomethane	9.48	93	24275	20.083	ug/l	95
47) Bromodichloromethane	9.67	83	70379	20.910	ug/l	100
48) Methyl methacrylate	9.46	41	14823	17.526	ug/l	93
49) 1,4-Dioxane	9.46	88	5568	425.067	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	77924	97.889	ug/l	97
52) Toluene	10.41	92	121831	20.756	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60247	20.488	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	64913	19.506	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	33129	20.427	ug/l	91
56) Ethyl methacrylate	10.66	69	33439	19.915	ug/l	98
57) 1,3-Dichloropropane	10.95	76	51704	20.220	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	73039	93.097	ug/l	100
59) 2-Hexanone	10.99	43	52214	92.902	ug/l	100
60) Dibromochloromethane	11.14	129	51064	20.662	ug/l	99
61) 1,2-Dibromoethane	11.26	107	31915	19.972	ug/l	98
64) Tetrachloroethene	10.88	164	53314	20.418	ug/l	94
65) Chlorobenzene	11.67	112	133368	20.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	57183	21.379	ug/l	98
67) Ethyl Benzene	11.75	91	229458	20.101	ug/l	99
68) m/p-Xylenes	11.86	106	184793	41.600	ug/l	98
69) o-Xylene	12.18	106	82633	20.431	ug/l	99
70) Styrene	12.20	104	143485	20.828	ug/l	99
71) Bromoform	12.36	173	29532	20.339	ug/l #	100
73) Isopropylbenzene	12.48	105	232811	20.938	ug/l	100
74) N-amyl acetate	12.29	43	28734	19.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	30246	20.269	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	19214m	16.314	ug/l	
77) Bromobenzene	12.77	156	58598	21.053	ug/l	98
78) n-propylbenzene	12.83	91	261915	21.173	ug/l	99
79) 2-Chlorotoluene	12.91	91	153577	20.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	204993	21.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9189	18.248	ug/l	91
82) 4-Chlorotoluene	13.01	91	166238	21.302	ug/l	99
83) tert-Butylbenzene	13.23	119	164646	19.813	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	205678	21.290	ug/l	98
85) sec-Butylbenzene	13.40	105	228127	20.896	ug/l	100
86) p-Isopropyltoluene	13.52	119	221156	20.915	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	111300	20.662	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	110730	20.752	ug/l	97
89) n-Butylbenzene	13.85	91	183361	20.235	ug/l	98
90) Hexachloroethane	14.11	117	40309	20.025	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	97662	21.046	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5728	17.805	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65516	19.940	ug/l	98
94) Hexachlorobutadiene	15.27	225	43413	20.680	ug/l	97
95) Naphthalene	15.40	128	105532	19.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	58034	20.736	ug/l	98

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

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