

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066703.D
 Acq On : 15 Sep 2020 18:26
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:44:27 AM

Quant Time: Sep 16 01:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	396433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212302	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.91	113	202955	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.34	98	739700	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.63	95	253146	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	73826	22.560	ug/l	97
3) Chloromethane	2.21	50	93691	21.718	ug/l	100
4) Vinyl Chloride	2.35	62	92120	20.403	ug/l	97
5) Bromomethane	2.76	94	67709	21.140	ug/l	91
6) Chloroethane	2.91	64	58240	20.706	ug/l	92
7) Trichlorofluoromethane	3.27	101	161925	20.764	ug/l	95
8) Diethyl Ether	3.71	74	38943	19.942	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	85272	19.897	ug/l	99
10) Methyl Iodide	4.30	142	75344	18.529	ug/l	100
11) Tert butyl alcohol	5.20	59	41477m	113.589	ug/l	
12) 1,1-Dichloroethene	4.06	96	77132	19.445	ug/l	96
13) Acrolein	3.91	56	30408	101.934	ug/l	99
14) Allyl chloride	4.71	41	123703	19.418	ug/l	99
15) Acrylonitrile	5.42	53	85978	100.507	ug/l	99
16) Acetone	4.16	43	75445	87.591	ug/l #	89
17) Carbon Disulfide	4.40	76	255110	20.467	ug/l	98
18) Methyl Acetate	4.71	43	44404	22.144	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	184296	20.859	ug/l	99
20) Methylene Chloride	4.97	84	107977	18.714	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	91559	19.811	ug/l	95
22) Diisopropyl ether	6.36	45	266491	20.588	ug/l	97
23) Vinyl Acetate	6.30	43	742869	103.174	ug/l	99
24) 1,1-Dichloroethane	6.26	63	163943	19.959	ug/l	97
25) 2-Butanone	7.21	43	107998	96.291	ug/l	100
26) 2,2-Dichloropropane	7.20	77	141129	18.580	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101646	20.104	ug/l	98
28) Bromochloromethane	7.54	49	67847	22.114	ug/l	97
29) Tetrahydrofuran	7.56	42	70242	102.361	ug/l	99
30) Chloroform	7.71	83	176995	20.246	ug/l	99
31) Cyclohexane	7.98	56	151881	20.328	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	159901	19.989	ug/l	100
36) 1,1-Dichloropropene	8.11	75	132623	19.442	ug/l	99
37) Ethyl Acetate	7.29	43	48730	18.870	ug/l	96
38) Carbon Tetrachloride	8.09	117	140967	19.460	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	143742	18.423	ug/l	95
40) Benzene	8.35	78	367269	19.901	ug/l	100
41) Methacrylonitrile	7.53	41	27330m	19.990	ug/l	
42) 1,2-Dichloroethane	8.42	62	117566	20.563	ug/l	100
43) Isopropyl Acetate	8.44	43	98081	20.179	ug/l	99
44) Trichloroethene	9.11	130	97295	19.718	ug/l	93
45) 1,2-Dichloropropane	9.38	63	90270	19.786	ug/l	98
46) Dibromomethane	9.47	93	50239	20.039	ug/l	99
47) Bromodichloromethane	9.66	83	135501	19.835	ug/l	94
48) Methyl methacrylate	9.46	41	47030	19.022	ug/l	91
49) 1,4-Dioxane	9.46	88	10811	402.570	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	250158	99.966	ug/l	99
52) Toluene	10.40	92	232787	19.690	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	122951	20.147	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	145510	20.075	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	68047	20.587	ug/l	95
56) Ethyl methacrylate	10.66	69	74227	19.789	ug/l	96
57) 1,3-Dichloropropane	10.94	76	114320	19.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	189290	114.902	ug/l	99
59) 2-Hexanone	10.98	43	170385	101.334	ug/l	95
60) Dibromochloromethane	11.14	129	87425	20.299	ug/l	97
61) 1,2-Dibromoethane	11.24	107	62775	19.798	ug/l	98
64) Tetrachloroethene	10.87	164	80396	19.095	ug/l	91
65) Chlorobenzene	11.67	112	242283	18.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	93384	19.820	ug/l	97
67) Ethyl Benzene	11.74	91	440895	19.061	ug/l	97
68) m/p-Xylenes	11.85	106	339923	38.883	ug/l	98
69) o-Xylene	12.18	106	145936	18.890	ug/l	99
70) Styrene	12.19	104	263870	19.406	ug/l	98
71) Bromoform	12.36	173	45340	19.175	ug/l #	95
73) Isopropylbenzene	12.48	105	405537	18.850	ug/l	99
74) N-amyl acetate	12.29	43	85501	18.840	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	70993	19.420	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	54800m	22.215	ug/l	
77) Bromobenzene	12.76	156	95396	19.238	ug/l	98
78) n-propylbenzene	12.82	91	497774	18.980	ug/l	99
79) 2-Chlorotoluene	12.91	91	290750	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	350532	19.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20740	18.145	ug/l	92
82) 4-Chlorotoluene	13.00	91	312493	19.929	ug/l	97
83) tert-Butylbenzene	13.23	119	286371	19.101	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	349018	19.199	ug/l	99
85) sec-Butylbenzene	13.40	105	406571	18.915	ug/l	99
86) p-Isopropyltoluene	13.52	119	359488	18.397	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	187596	19.720	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	178501	18.843	ug/l	97
89) n-Butylbenzene	13.84	91	344388	18.534	ug/l	97
90) Hexachloroethane	14.11	117	77535	19.315	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	155852	19.120	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13093	22.156	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96521	19.578	ug/l	97
94) Hexachlorobutadiene	15.27	225	55360	18.637	ug/l	98
95) Naphthalene	15.41	128	157550	18.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	79325	18.421	ug/l	97

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

