

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066759.D
 Acq On : 18 Sep 2020 12:01
 Operator : VA/SY
 Sample : VD0918SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0918SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:48:53 AM

Quant Time: Sep 19 03:43:43 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	410869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222741	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.91	113	213318	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.34	98	770544	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.63	95	277067	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72149	20.976	ug/l	97
3) Chloromethane	2.21	50	85654	19.157	ug/l	98
4) Vinyl Chloride	2.35	62	88946	19.008	ug/l	99
5) Bromomethane	2.76	94	58741	17.696	ug/l	96
6) Chloroethane	2.92	64	52542	18.024	ug/l	89
7) Trichlorofluoromethane	3.27	101	159336	19.714	ug/l	99
8) Diethyl Ether	3.70	74	38957	19.249	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	91314	20.558	ug/l	99
10) Methyl Iodide	4.30	142	70676	16.770	ug/l	98
11) Tert butyl alcohol	5.21	59	38377	91.263	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	80380	19.552	ug/l	93
13) Acrolein	3.92	56	27212	88.015	ug/l	91
14) Allyl chloride	4.71	41	121667	18.428	ug/l	97
15) Acrylonitrile	5.42	53	81243	91.635	ug/l	98
16) Acetone	4.16	43	83540	93.582	ug/l	93
17) Carbon Disulfide	4.41	76	260492	20.164	ug/l	95
18) Methyl Acetate	4.71	43	37852	17.524	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	166302	18.161	ug/l	98
20) Methylene Chloride	4.96	84	110173	18.290	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	94622	19.755	ug/l	97
22) Diisopropyl ether	6.36	45	258198	19.246	ug/l	98
23) Vinyl Acetate	6.31	43	697815	93.511	ug/l	95
24) 1,1-Dichloroethane	6.27	63	160378	18.839	ug/l	99
25) 2-Butanone	7.21	43	102393	88.086	ug/l	92
26) 2,2-Dichloropropane	7.21	77	152010	19.310	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	98973	18.888	ug/l	97
28) Bromochloromethane	7.54	49	69823	21.958	ug/l	95
29) Tetrahydrofuran	7.56	42	64812	91.129	ug/l	97
30) Chloroform	7.71	83	172301	19.017	ug/l	100
31) Cyclohexane	7.98	56	149593	19.319	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	158242	19.086	ug/l	98
36) 1,1-Dichloropropene	8.11	75	132809	19.280	ug/l	99
37) Ethyl Acetate	7.30	43	48956	18.773	ug/l	96
38) Carbon Tetrachloride	8.10	117	141161	19.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	153073	19.427	ug/l	94
40) Benzene	8.35	78	367181	19.703	ug/l	98
41) Methacrylonitrile	7.53	41	28551	20.680	ug/l #	84
42) 1,2-Dichloroethane	8.42	62	110081	19.066	ug/l	98
43) Isopropyl Acetate	8.45	43	88807	18.093	ug/l	96
44) Trichloroethene	9.11	130	96986	19.464	ug/l	90
45) 1,2-Dichloropropane	9.38	63	91296	19.816	ug/l	98
46) Dibromomethane	9.47	93	50068	19.777	ug/l	98
47) Bromodichloromethane	9.66	83	134349	19.475	ug/l	99
48) Methyl methacrylate	9.46	41	47241	18.921	ug/l	94
49) 1,4-Dioxane	9.45	88	10047	370.477	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	229993	91.013	ug/l	99
52) Toluene	10.40	92	240804	20.170	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	117610	19.084	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	142364	19.449	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	65855	19.729	ug/l	93
56) Ethyl methacrylate	10.66	69	69096	18.241	ug/l	97
57) 1,3-Dichloropropane	10.94	76	111540	19.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	196395	118.053	ug/l	98
59) 2-Hexanone	10.98	43	157959	93.029	ug/l	98
60) Dibromochloromethane	11.14	129	84661	19.465	ug/l	97
61) 1,2-Dibromoethane	11.25	107	62274	19.449	ug/l	99
64) Tetrachloroethene	10.87	164	78195	18.786	ug/l	95
65) Chlorobenzene	11.67	112	244068	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	91724	19.692	ug/l	98
67) Ethyl Benzene	11.74	91	436817	19.103	ug/l	99
68) m/p-Xylenes	11.85	106	343055	39.694	ug/l	97
69) o-Xylene	12.18	106	150604	19.720	ug/l	95
70) Styrene	12.19	104	261639	19.464	ug/l	99
71) Bromoform	12.36	173	44544	19.055	ug/l #	98
73) Isopropylbenzene	12.48	105	417780	19.530	ug/l	99
74) N-amyl acetate	12.29	43	79895	17.705	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	71078	19.554	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	44114m	17.985	ug/l	
77) Bromobenzene	12.76	156	93273	18.918	ug/l	98
78) n-propylbenzene	12.82	91	511512	19.616	ug/l	99
79) 2-Chlorotoluene	12.91	91	276310	18.739	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	355929	19.679	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	21863	19.237	ug/l	96
82) 4-Chlorotoluene	13.01	91	301478	19.337	ug/l	100
83) tert-Butylbenzene	13.23	119	283116	18.991	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	354968	19.638	ug/l	98
85) sec-Butylbenzene	13.40	105	419977	19.651	ug/l	99
86) p-Isopropyltoluene	13.52	119	384415	19.785	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	185644	19.626	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	189525	20.121	ug/l	98
89) n-Butylbenzene	13.85	91	357086	19.328	ug/l	98
90) Hexachloroethane	14.11	117	78784	19.738	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	159428	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11504	19.578	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	96029	19.589	ug/l	97
94) Hexachlorobutadiene	15.27	225	57623	19.510	ug/l	99
95) Naphthalene	15.41	128	155008	18.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	81903	19.128	ug/l	99

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

