

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066811.D
 Acq On : 22 Sep 2020 15:23
 Operator : VA/SY
 Sample : VD0922SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:10 PM

Quant Time: Sep 23 02:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	422926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	608918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	193910	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.91	113	205162	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.34	98	730915	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.63	95	249641	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	82217	24.967	ug/l	92
3) Chloromethane	2.21	50	87200	22.441	ug/l	98
4) Vinyl Chloride	2.35	62	85904	22.377	ug/l	99
5) Bromomethane	2.76	94	60686	22.491	ug/l	94
6) Chloroethane	2.92	64	52076	21.844	ug/l	99
7) Trichlorofluoromethane	3.27	101	168889	21.421	ug/l	99
8) Diethyl Ether	3.71	74	39999	19.984	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94700	20.714	ug/l	99
10) Methyl Iodide	4.30	142	82788	20.521	ug/l	97
11) Tert butyl alcohol	5.21	59	32005	99.132	ug/l #	72
12) 1,1-Dichloroethene	4.06	96	84226	20.338	ug/l	96
13) Acrolein	3.93	56	30835	100.978	ug/l	100
14) Allyl chloride	4.72	41	128375	21.110	ug/l	98
15) Acrylonitrile	5.43	53	88716	100.017	ug/l	99
16) Acetone	4.16	43	85525	97.396	ug/l	93
17) Carbon Disulfide	4.41	76	274708	21.697	ug/l	98
18) Methyl Acetate	4.71	43	40083	18.146	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	181391	20.169	ug/l	99
20) Methylene Chloride	4.97	84	140772	27.029	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	98643	20.571	ug/l	94
22) Diisopropyl ether	6.36	45	271163	21.687	ug/l #	93
23) Vinyl Acetate	6.30	43	666262	99.767	ug/l	99
24) 1,1-Dichloroethane	6.26	63	172868	20.666	ug/l	100
25) 2-Butanone	7.21	43	103679	98.250	ug/l	96
26) 2,2-Dichloropropane	7.20	77	157701	20.569	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	108656	20.855	ug/l	98
28) Bromochloromethane	7.55	49	67981	19.672	ug/l #	99
29) Tetrahydrofuran	7.56	42	66060	97.699	ug/l	99
30) Chloroform	7.71	83	184290	20.439	ug/l	98
31) Cyclohexane	7.98	56	158583	21.070	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	170399	20.891	ug/l	100
36) 1,1-Dichloropropene	8.11	75	143142	21.519	ug/l	99
37) Ethyl Acetate	7.29	43	51413	21.380	ug/l	100
38) Carbon Tetrachloride	8.10	117	154270	21.213	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	163968	21.469	ug/l	96
40) Benzene	8.35	78	383832	20.704	ug/l	98
41) Methacrylonitrile	7.53	41	25240	17.068	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	112241	20.480	ug/l	99
43) Isopropyl Acetate	8.44	43	92196	19.886	ug/l #	79
44) Trichloroethene	9.11	130	109272	20.679	ug/l	94
45) 1,2-Dichloropropane	9.38	63	95358	20.444	ug/l	97
46) Dibromomethane	9.47	93	51704	20.402	ug/l	97
47) Bromodichloromethane	9.66	83	143169	21.030	ug/l	100
48) Methyl methacrylate	9.46	41	50993	22.308	ug/l	88
49) 1,4-Dioxane	9.45	88	10599	295.712	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	237969	101.300	ug/l	98
52) Toluene	10.40	92	251983	21.102	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	120083	20.724	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	146880	20.789	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	72071	20.687	ug/l	96
56) Ethyl methacrylate	10.65	69	75988	20.360	ug/l	99
57) 1,3-Dichloropropane	10.94	76	117208	20.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	192672	109.028	ug/l	99
59) 2-Hexanone	10.98	43	158997	100.363	ug/l	99
60) Dibromochloromethane	11.14	129	94608	20.807	ug/l	97
61) 1,2-Dibromoethane	11.24	107	66635	20.564	ug/l	98
64) Tetrachloroethene	10.87	164	91299	20.844	ug/l	94
65) Chlorobenzene	11.67	112	269138	21.234	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	95854	19.981	ug/l	96
67) Ethyl Benzene	11.74	91	465995	20.933	ug/l	100
68) m/p-Xylenes	11.85	106	363685	43.150	ug/l	97
69) o-Xylene	12.18	106	161310	21.166	ug/l	99
70) Styrene	12.19	104	282984	21.381	ug/l	99
71) Bromoform	12.36	173	48135	19.818	ug/l #	99
73) Isopropylbenzene	12.48	105	453731	22.298	ug/l	99
74) N-amyl acetate	12.29	43	82351	20.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71500	20.363	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	55342m	23.708	ug/l	
77) Bromobenzene	12.76	156	100683	21.156	ug/l	98
78) n-propylbenzene	12.82	91	547733	22.374	ug/l	99
79) 2-Chlorotoluene	12.91	91	309405	22.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	388468	22.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	20024	21.461	ug/l	95
82) 4-Chlorotoluene	13.00	91	330502	22.475	ug/l	99
83) tert-Butylbenzene	13.23	119	312880	22.052	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	386521	22.575	ug/l	100
85) sec-Butylbenzene	13.40	105	454299	22.267	ug/l	98
86) p-Isopropyltoluene	13.52	119	410748	22.335	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	202338	21.520	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	194235	20.799	ug/l	96
89) n-Butylbenzene	13.85	91	383924	21.964	ug/l	99
90) Hexachloroethane	14.11	117	78505	21.026	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	173493	21.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12109	21.438	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	107802	21.289	ug/l	96
94) Hexachlorobutadiene	15.27	225	63613	20.963	ug/l	97
95) Naphthalene	15.40	128	173338	20.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	89858	20.559	ug/l	98

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

