

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067054.D
 Acq On : 03 Oct 2020 01:05
 Operator : VA/SY
 Sample : VD1002SBSD02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:37 PM

Quant Time: Oct 03 05:59:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	677860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216528	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	7.91	113	232715	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	10.34	98	860211	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.63	95	289775	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	81452	21.469	ug/l	94
3) Chloromethane	2.21	50	69873	21.070	ug/l	98
4) Vinyl Chloride	2.35	62	66022	19.855	ug/l	96
5) Bromomethane	2.76	94	50342	20.974	ug/l	97
6) Chloroethane	2.92	64	41628	20.557	ug/l	97
7) Trichlorofluoromethane	3.27	101	149335	20.214	ug/l	99
8) Diethyl Ether	3.71	74	39724	21.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81413	19.497	ug/l	99
10) Methyl Iodide	4.30	142	81063	19.980	ug/l	98
11) Tert butyl alcohol	5.21	59	30438	100.417	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	80081	20.401	ug/l	98
13) Acrolein	3.92	56	22867	85.145	ug/l	99
14) Allyl chloride	4.71	41	104407	20.474	ug/l	99
15) Acrylonitrile	5.43	53	74370	110.300	ug/l	97
16) Acetone	4.16	43	65068	106.275	ug/l	92
17) Carbon Disulfide	4.40	76	249001	20.670	ug/l	98
18) Methyl Acetate	4.71	43	41700	27.099	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	162406	22.664	ug/l	93
20) Methylene Chloride	4.96	84	115255	22.531	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	96803	21.669	ug/l	97
22) Diisopropyl ether	6.36	45	208526	22.399	ug/l	96
23) Vinyl Acetate	6.30	43	535973	101.597	ug/l	99
24) 1,1-Dichloroethane	6.26	63	154932	21.564	ug/l	96
25) 2-Butanone	7.21	43	89042	102.578	ug/l	97
26) 2,2-Dichloropropane	7.21	77	122825	17.294	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105231	22.056	ug/l	95
28) Bromochloromethane	7.55	49	55159	19.879	ug/l	92
29) Tetrahydrofuran	7.56	42	54390	108.973	ug/l	98
30) Chloroform	7.71	83	171718	22.032	ug/l	98
31) Cyclohexane	7.98	56	115145	19.116	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	149946	20.759	ug/l	99
36) 1,1-Dichloropropene	8.11	75	122663	19.414	ug/l	99
37) Ethyl Acetate	7.28	43	42283	19.317	ug/l	97
38) Carbon Tetrachloride	8.09	117	134730	19.708	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	121287	18.156	ug/l	95
40) Benzene	8.35	78	362811	20.673	ug/l	98
41) Methacrylonitrile	7.53	41	21326m	18.034	ug/l	
42) 1,2-Dichloroethane	8.42	62	101324	20.662	ug/l	100
43) Isopropyl Acetate	8.45	43	82161	20.375	ug/l	97
44) Trichloroethene	9.11	130	109388	20.874	ug/l	100
45) 1,2-Dichloropropane	9.38	63	88205	21.391	ug/l	96
46) Dibromomethane	9.47	93	51919	21.907	ug/l	98
47) Bromodichloromethane	9.66	83	127890	20.759	ug/l	98
48) Methyl methacrylate	9.46	41	38392	18.584	ug/l #	78
49) 1,4-Dioxane	9.46	88	10394	420.211	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	213260	106.178	ug/l	99
52) Toluene	10.40	92	242042	21.410	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	115668	21.008	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	138279	20.567	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	70060	21.262	ug/l	93
56) Ethyl methacrylate	10.66	69	74661	21.947	ug/l	97
57) 1,3-Dichloropropane	10.94	76	117040	21.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	210503	111.175	ug/l	100
59) 2-Hexanone	10.98	43	141099	105.253	ug/l	99
60) Dibromochloromethane	11.14	129	97058	22.100	ug/l	97
61) 1,2-Dibromoethane	11.24	107	69203	21.861	ug/l	100
64) Tetrachloroethene	10.87	164	95751	20.533	ug/l	95
65) Chlorobenzene	11.67	112	261524	20.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	101188	20.852	ug/l	100
67) Ethyl Benzene	11.74	91	443002	20.267	ug/l	98
68) m/p-Xylenes	11.86	106	348206	40.877	ug/l	98
69) o-Xylene	12.18	106	157512	20.677	ug/l	99
70) Styrene	12.20	104	278308	21.276	ug/l	99
71) Bromoform	12.36	173	55107	21.877	ug/l #	99
73) Isopropylbenzene	12.48	105	421447	20.225	ug/l	99
74) N-amyl acetate	12.28	43	71934	19.203	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72103	20.536	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	47256m	17.678	ug/l	
77) Bromobenzene	12.76	156	109993	21.860	ug/l	97
78) n-propylbenzene	12.82	91	500782	20.334	ug/l	99
79) 2-Chlorotoluene	12.91	91	294242	20.882	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	373888	21.236	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	20497	19.117	ug/l	97
82) 4-Chlorotoluene	13.01	91	308611	20.586	ug/l	99
83) tert-Butylbenzene	13.23	119	296248	19.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	372326	21.191	ug/l	99
85) sec-Butylbenzene	13.40	105	418874	20.062	ug/l	100
86) p-Isopropyltoluene	13.52	119	394385	20.374	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	207639	21.186	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	203329	20.748	ug/l	99
89) n-Butylbenzene	13.85	91	339794	19.208	ug/l	99
90) Hexachloroethane	14.11	117	68609	20.235	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	180247	21.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11889	21.007	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	115821	20.919	ug/l	98
94) Hexachlorobutadiene	15.27	225	66628	19.595	ug/l	97
95) Naphthalene	15.41	128	186072	20.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	99523	20.707	ug/l	98

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

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