

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066132.D
 Acq On : 06 Aug 2020 14:07
 Operator : VA/SY
 Sample : VD0806SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:48:30 PM

Quant Time: Aug 07 01:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	325594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	470288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	437987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	143259	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.91	113	145723	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.34	98	568021	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.63	95	203014	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	63687	22.201	ug/l	100
3) Chloromethane	2.20	50	43798	19.628	ug/l	95
4) Vinyl Chloride	2.34	62	40115	20.306	ug/l	95
5) Bromomethane	2.74	94	25124	19.168	ug/l	98
6) Chloroethane	2.90	64	23693	19.538	ug/l	93
7) Trichlorofluoromethane	3.26	101	101577	19.722	ug/l	98
8) Diethyl Ether	3.70	74	29017	19.967	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	62379	20.408	ug/l	97
10) Methyl Iodide	4.30	142	51005	22.580	ug/l	98
11) Tert butyl alcohol	5.24	59	36886m	155.732	ug/l	
12) 1,1-Dichloroethene	4.06	96	58236	20.196	ug/l	97
13) Acrolein	3.91	56	22799	98.605	ug/l	99
14) Allyl chloride	4.70	41	87672	20.069	ug/l	99
15) Acrylonitrile	5.41	53	62286	101.708	ug/l	98
16) Acetone	4.16	43	61637	111.831	ug/l	99
17) Carbon Disulfide	4.40	76	182594	19.916	ug/l	100
18) Methyl Acetate	4.72	43	28969	20.693	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	129690	19.623	ug/l	96
20) Methylene Chloride	4.96	84	77306	21.791	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	65613	19.808	ug/l	95
22) Diisopropyl ether	6.36	45	176858	20.473	ug/l	98
23) Vinyl Acetate	6.30	43	521015	102.950	ug/l	100
24) 1,1-Dichloroethane	6.26	63	104954	19.632	ug/l	96
25) 2-Butanone	7.21	43	80468	99.263	ug/l	99
26) 2,2-Dichloropropane	7.20	77	98213	20.497	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	69174	19.910	ug/l	98
28) Bromochloromethane	7.54	49	41076	21.876	ug/l	99
29) Tetrahydrofuran	7.56	42	52791	105.108	ug/l	99
30) Chloroform	7.70	83	108250	19.283	ug/l	95
31) Cyclohexane	7.98	56	102657	20.172	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	101588	19.301	ug/l	99
36) 1,1-Dichloropropene	8.11	75	89039	20.148	ug/l	98
37) Ethyl Acetate	7.28	43	35682	20.378	ug/l	98
38) Carbon Tetrachloride	8.09	117	97814	19.848	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	107247	20.075	ug/l	97
40) Benzene	8.34	78	237065	19.337	ug/l	97
41) Methacrylonitrile	7.51	41	17240	16.746	ug/l #	83
42) 1,2-Dichloroethane	8.42	62	69396	19.269	ug/l	99
43) Isopropyl Acetate	8.44	43	70349	20.391	ug/l	98
44) Trichloroethene	9.11	130	71610	19.384	ug/l	90
45) 1,2-Dichloropropane	9.38	63	58823	19.619	ug/l	95
46) Dibromomethane	9.47	93	32143	19.462	ug/l	99
47) Bromodichloromethane	9.66	83	83465	19.121	ug/l	99
48) Methyl methacrylate	9.45	41	31492	17.877	ug/l	89
49) 1,4-Dioxane	9.45	88	9236	435.283	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	180123	101.644	ug/l	97
52) Toluene	10.40	92	163057	20.213	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	83813	20.233	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	95924	19.764	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	45932	19.314	ug/l	97
56) Ethyl methacrylate	10.66	69	56612	19.816	ug/l	99
57) 1,3-Dichloropropane	10.94	76	79378	20.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	138360	107.668	ug/l	100
59) 2-Hexanone	10.98	43	131103	105.415	ug/l	98
60) Dibromochloromethane	11.14	129	63652	19.387	ug/l	97
61) 1,2-Dibromoethane	11.24	107	45946	20.089	ug/l	100
64) Tetrachloroethene	10.87	164	64825	19.274	ug/l	96
65) Chlorobenzene	11.67	112	172699	19.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	66032	18.981	ug/l	98
67) Ethyl Benzene	11.74	91	310351	20.142	ug/l	97
68) m/p-Xylenes	11.86	106	237758	39.828	ug/l	96
69) o-Xylene	12.18	106	111776	20.584	ug/l	95
70) Styrene	12.20	104	190027	19.967	ug/l	98
71) Bromoform	12.36	173	39416	19.123	ug/l #	98
73) Isopropylbenzene	12.48	105	306525	19.747	ug/l	100
74) N-amyl acetate	12.29	43	67691	19.803	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	53056	20.045	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	34594m	17.839	ug/l	
77) Bromobenzene	12.76	156	77813	19.473	ug/l	98
78) n-propylbenzene	12.82	91	357894	19.834	ug/l	100
79) 2-Chlorotoluene	12.91	91	201641	19.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	255675	19.695	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17433	19.872	ug/l	97
82) 4-Chlorotoluene	13.01	91	212185	19.477	ug/l	100
83) tert-Butylbenzene	13.23	119	213199	18.674	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	252142	19.408	ug/l	98
85) sec-Butylbenzene	13.41	105	303702	19.703	ug/l	100
86) p-Isopropyltoluene	13.52	119	288410	19.949	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	146519	19.510	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	145458	19.421	ug/l	98
89) n-Butylbenzene	13.85	91	264330	20.407	ug/l	100
90) Hexachloroethane	14.11	117	56853	19.718	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	129562	19.507	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9737	21.404	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	95704	19.553	ug/l	100
94) Hexachlorobutadiene	15.27	225	54455	18.893	ug/l	99
95) Naphthalene	15.41	128	157749	19.780	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	80638	18.663	ug/l	96

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

