

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066667.D
 Acq On : 14 Sep 2020 12:26
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:48 PM

Quant Time: Sep 15 01:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	384124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	568950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231303	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.91	113	218203	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.34	98	806557	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	270081	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	75973	21.722	ug/l	91
3) Chloromethane	2.21	50	95491	19.657	ug/l	93
4) Vinyl Chloride	2.35	62	92173	17.107	ug/l	96
5) Bromomethane	2.76	94	64741	15.904	ug/l	88
6) Chloroethane	2.92	64	57605	16.833	ug/l	94
7) Trichlorofluoromethane	3.27	101	159369	20.023	ug/l	91
8) Diethyl Ether	3.70	74	41265	20.588	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	88175	20.469	ug/l	98
10) Methyl Iodide	4.29	142	76818	22.001	ug/l	95
11) Tert butyl alcohol	5.19	59	37842m	103.577	ug/l	
12) 1,1-Dichloroethene	4.07	96	79410	20.519	ug/l	86
13) Acrolein	3.92	56	15077	79.340	ug/l	96
14) Allyl chloride	4.71	41	127194	20.054	ug/l	98
15) Acrylonitrile	5.43	53	87989	102.195	ug/l	98
16) Acetone	4.15	43	91722	107.261	ug/l	97
17) Carbon Disulfide	4.41	76	254089	19.971	ug/l	99
18) Methyl Acetate	4.71	43	41122	20.173	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	182700	20.131	ug/l	95
20) Methylene Chloride	4.96	84	109150	19.366	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	93167	20.273	ug/l	96
22) Diisopropyl ether	6.36	45	271320	20.802	ug/l	98
23) Vinyl Acetate	6.30	43	741448	99.894	ug/l	100
24) 1,1-Dichloroethane	6.26	63	164666	20.076	ug/l	98
25) 2-Butanone	7.21	43	113286	98.688	ug/l #	85
26) 2,2-Dichloropropane	7.21	77	153104	20.350	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	101151	20.467	ug/l	99
28) Bromochloromethane	7.54	49	57750	18.288	ug/l	94
29) Tetrahydrofuran	7.57	42	71200	99.592	ug/l	98
30) Chloroform	7.71	83	178954	20.623	ug/l	95
31) Cyclohexane	7.98	56	154473	20.374	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	163007	19.980	ug/l	97
36) 1,1-Dichloropropene	8.11	75	135293	20.904	ug/l	100
37) Ethyl Acetate	7.28	43	45586	17.689	ug/l #	93
38) Carbon Tetrachloride	8.09	117	149644	21.875	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	151203	20.922	ug/l	97
40) Benzene	8.35	78	364983	20.591	ug/l	97
41) Methacrylonitrile	7.51	41	23382m	18.743	ug/l	
42) 1,2-Dichloroethane	8.42	62	116077	20.212	ug/l	100
43) Isopropyl Acetate	8.44	43	95787	19.395	ug/l	96
44) Trichloroethene	9.11	130	97483	20.966	ug/l	96
45) 1,2-Dichloropropane	9.38	63	94363	21.169	ug/l	93
46) Dibromomethane	9.47	93	51537	20.956	ug/l	96
47) Bromodichloromethane	9.66	83	137911	20.727	ug/l #	98
48) Methyl methacrylate	9.45	41	45958	18.403	ug/l	91
49) 1,4-Dioxane	9.47	88	10760	398.807	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	252727	101.466	ug/l	98
52) Toluene	10.40	92	242599	21.621	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	119954	20.422	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	146120	20.716	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	67473	21.338	ug/l	97
56) Ethyl methacrylate	10.66	69	74397	20.207	ug/l	97
57) 1,3-Dichloropropane	10.94	76	114419	20.659	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	202104	120.015	ug/l	97
59) 2-Hexanone	10.98	43	169786	101.366	ug/l	100
60) Dibromochloromethane	11.14	129	87323	20.884	ug/l	98
61) 1,2-Dibromoethane	11.25	107	64037	20.816	ug/l	97
64) Tetrachloroethene	10.87	164	82320	21.489	ug/l	88
65) Chlorobenzene	11.67	112	245271	20.887	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	92462	20.631	ug/l	99
67) Ethyl Benzene	11.74	91	444069	20.595	ug/l	98
68) m/p-Xylenes	11.86	106	341409	42.644	ug/l	98
69) o-Xylene	12.18	106	152536	21.260	ug/l	99
70) Styrene	12.20	104	270058	21.650	ug/l	100
71) Bromoform	12.36	173	45268	20.043	ug/l #	97
73) Isopropylbenzene	12.48	105	412733	20.839	ug/l	99
74) N-amyl acetate	12.29	43	87824	19.579	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73392	20.975	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	56836m	22.093	ug/l	
77) Bromobenzene	12.76	156	96475	21.849	ug/l	95
78) n-propylbenzene	12.82	91	513177	21.374	ug/l	100
79) 2-Chlorotoluene	12.91	91	286650	21.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	363478	21.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22858	20.743	ug/l	98
82) 4-Chlorotoluene	13.01	91	307891	21.376	ug/l	98
83) tert-Butylbenzene	13.23	119	284998	20.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	358929	21.627	ug/l	99
85) sec-Butylbenzene	13.40	105	415345	21.178	ug/l	100
86) p-Isopropyltoluene	13.52	119	379780	21.515	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	184981	21.102	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	185089	21.037	ug/l	97
89) n-Butylbenzene	13.84	91	361947	21.041	ug/l	98
90) Hexachloroethane	14.11	117	79700	20.954	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	161102	21.026	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11173	18.798	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	100732	21.906	ug/l	98
94) Hexachlorobutadiene	15.27	225	56585	20.483	ug/l	98
95) Naphthalene	15.41	128	167148	20.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85569	21.827	ug/l	98

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

