

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066151.D
 Acq On : 07 Aug 2020 12:12
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:12 PM

Quant Time: Aug 08 00:59:35 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	7.98	168	300492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	438093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	405512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	144372	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.91	113	150448	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.34	98	570286	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.64	95	196953	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57538	21.733	ug/l	94
3) Chloromethane	2.21	50	43477	21.111	ug/l	90
4) Vinyl Chloride	2.35	62	39240	21.522	ug/l	95
5) Bromomethane	2.76	94	26984	22.307	ug/l	98
6) Chloroethane	2.91	64	24647	22.022	ug/l	92
7) Trichlorofluoromethane	3.27	101	91101	19.166	ug/l	99
8) Diethyl Ether	3.71	74	24782	18.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	53343	18.909	ug/l	97
10) Methyl Iodide	4.30	142	52778	24.503	ug/l	99
11) Tert butyl alcohol	5.21	59	22971	90.517	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	52338	19.667	ug/l	90
13) Acrolein	3.91	56	19309	90.487	ug/l	98
14) Allyl chloride	4.71	41	79697	19.768	ug/l	98
15) Acrylonitrile	5.42	53	51144	90.491	ug/l	96
16) Acetone	4.16	43	46900	92.201	ug/l #	86
17) Carbon Disulfide	4.40	76	162851	19.246	ug/l	99
18) Methyl Acetate	4.72	43	23456	18.154	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	110216	18.069	ug/l	100
20) Methylene Chloride	4.96	84	74337	22.921	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	58167	19.027	ug/l	96
22) Diisopropyl ether	6.36	45	159179	19.966	ug/l	94
23) Vinyl Acetate	6.30	43	441058	94.431	ug/l	98
24) 1,1-Dichloroethane	6.26	63	96072	19.472	ug/l	99
25) 2-Butanone	7.21	43	66258	88.561	ug/l	93
26) 2,2-Dichloropropane	7.21	77	87056	19.686	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	61302	19.118	ug/l	97
28) Bromochloromethane	7.54	49	37736	21.776	ug/l	99
29) Tetrahydrofuran	7.56	42	43017	92.802	ug/l	98
30) Chloroform	7.71	83	99627	19.230	ug/l	97
31) Cyclohexane	7.98	56	90497	19.268	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	93156	19.177	ug/l	99
36) 1,1-Dichloropropene	8.11	75	76594	18.606	ug/l	98
37) Ethyl Acetate	7.29	43	30571	18.742	ug/l	97
38) Carbon Tetrachloride	8.10	117	86982	18.947	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	92481	18.584	ug/l	96
40) Benzene	8.35	78	218698	19.150	ug/l	100
41) Methacrylonitrile	7.52	41	16282	16.977	ug/l	98
42) 1,2-Dichloroethane	8.43	62	63763	19.006	ug/l	99
43) Isopropyl Acetate	8.45	43	58088	18.075	ug/l	97
44) Trichloroethene	9.11	130	65702	19.092	ug/l	97
45) 1,2-Dichloropropane	9.38	63	55071	19.717	ug/l	99
46) Dibromomethane	9.47	93	28524	18.540	ug/l	96
47) Bromodichloromethane	9.66	83	77223	18.991	ug/l	93
48) Methyl methacrylate	9.46	41	29546	18.005	ug/l	99
49) 1,4-Dioxane	9.46	88	6492	328.446	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	146926	89.004	ug/l	100
52) Toluene	10.40	92	151286	20.132	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	72258	18.725	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	87473	19.347	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	41408	18.691	ug/l	97
56) Ethyl methacrylate	10.66	69	48892	18.372	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69147	18.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	124043	103.621	ug/l	100
59) 2-Hexanone	10.98	43	103847	89.636	ug/l	97
60) Dibromochloromethane	11.14	129	56978	18.630	ug/l	100
61) 1,2-Dibromoethane	11.25	107	39270	18.432	ug/l	100
64) Tetrachloroethene	10.87	164	57654	18.515	ug/l	97
65) Chlorobenzene	11.67	112	156759	19.043	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	59591	18.501	ug/l	98
67) Ethyl Benzene	11.74	91	274985	19.276	ug/l	96
68) m/p-Xylenes	11.86	106	216386	39.151	ug/l	99
69) o-Xylene	12.18	106	96967	19.286	ug/l	96
70) Styrene	12.20	104	170825	19.387	ug/l	100
71) Bromoform	12.36	173	33001	17.293	ug/l #	99
73) Isopropylbenzene	12.48	105	266892	19.305	ug/l	99
74) N-amyl acetate	12.29	43	55190	18.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	42747	18.133	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	31080m	17.995	ug/l	
77) Bromobenzene	12.77	156	68274	19.184	ug/l	98
78) n-propylbenzene	12.83	91	315675	19.643	ug/l	100
79) 2-Chlorotoluene	12.91	91	182611	19.868	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	228625	19.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13557	17.352	ug/l	92
82) 4-Chlorotoluene	13.01	91	192462	19.836	ug/l	100
83) tert-Butylbenzene	13.23	119	192865	18.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	222270	19.210	ug/l	98
85) sec-Butylbenzene	13.41	105	271617	19.786	ug/l	100
86) p-Isopropyltoluene	13.52	119	256190	19.897	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	130134	19.456	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	125879	18.871	ug/l	98
89) n-Butylbenzene	13.85	91	230340	19.967	ug/l	100
90) Hexachloroethane	14.12	117	48576	18.916	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	111411	18.834	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7305	18.030	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82564	18.940	ug/l	97
94) Hexachlorobutadiene	15.27	225	49680	19.354	ug/l	96
95) Naphthalene	15.41	128	123397	17.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	68783	17.874	ug/l	98

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

