

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066226.D
 Acq On : 13 Aug 2020 22:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 5:11:59 PM

Quant Time: Aug 14 04:31:09 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	280806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	424049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	409373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	139149	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	7.91	113	142028	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.34	98	518793	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.63	95	194878	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	105261	42.547	ug/l	98
3) Chloromethane	2.20	50	87531	45.482	ug/l	97
4) Vinyl Chloride	2.35	62	86558	50.802	ug/l	95
5) Bromomethane	2.76	94	63892	56.521	ug/l	99
6) Chloroethane	2.92	64	54619	52.223	ug/l	96
7) Trichlorofluoromethane	3.27	101	219680	49.455	ug/l	98
8) Diethyl Ether	3.71	74	66899	53.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	129823	49.247	ug/l	99
10) Methyl Iodide	4.30	142	135337	55.532	ug/l	98
11) Tert butyl alcohol	5.22	59	47299	253.353	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	122250	49.159	ug/l	99
13) Acrolein	3.92	56	37602	188.566	ug/l	98
14) Allyl chloride	4.71	41	191656	50.871	ug/l	96
15) Acrylonitrile	5.42	53	148881	281.887	ug/l	99
16) Acetone	4.15	43	116315	244.695	ug/l	97
17) Carbon Disulfide	4.40	76	356985	45.148	ug/l	98
18) Methyl Acetate	4.71	43	65197	53.998	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	317195	55.648	ug/l	98
20) Methylene Chloride	4.96	84	170322	63.667	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	145290	50.857	ug/l	97
22) Diisopropyl ether	6.36	45	402621	54.041	ug/l	93
23) Vinyl Acetate	6.30	43	1211169	277.492	ug/l	100
24) 1,1-Dichloroethane	6.26	63	245449	53.234	ug/l	98
25) 2-Butanone	7.21	43	179215	256.334	ug/l	99
26) 2,2-Dichloropropane	7.21	77	202107	48.907	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	164151	54.782	ug/l	99
28) Bromochloromethane	7.54	49	88222	54.478	ug/l	98
29) Tetrahydrofuran	7.56	42	119864	276.716	ug/l	100
30) Chloroform	7.71	83	276916	57.197	ug/l	96
31) Cyclohexane	7.98	56	197678	45.039	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	246500	54.303	ug/l	99
36) 1,1-Dichloropropene	8.11	75	191903	48.159	ug/l	98
37) Ethyl Acetate	7.29	43	84120	53.280	ug/l	99
38) Carbon Tetrachloride	8.09	117	222868	50.154	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	229118	47.565	ug/l	97
40) Benzene	8.35	78	568092	51.392	ug/l	97
41) Methacrylonitrile	7.52	41	41061m	44.232	ug/l	
42) 1,2-Dichloroethane	8.42	62	176955	54.492	ug/l	100
43) Isopropyl Acetate	8.45	43	167695	53.908	ug/l	100
44) Trichloroethene	9.11	130	171649	51.531	ug/l	99
45) 1,2-Dichloropropane	9.38	63	144257	53.359	ug/l	93
46) Dibromomethane	9.47	93	83355	55.974	ug/l	99
47) Bromodichloromethane	9.66	83	215411	54.730	ug/l	99
48) Methyl methacrylate	9.45	41	80874	50.915	ug/l #	84
49) 1,4-Dioxane	9.46	88	19196	1003.336	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	435159	272.339	ug/l	98
52) Toluene	10.40	92	381322	52.424	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	202347	54.173	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	238286	54.450	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	111453	51.975	ug/l	89
56) Ethyl methacrylate	10.66	69	150615	58.469	ug/l	97
57) 1,3-Dichloropropane	10.94	76	192390	54.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	335140	289.236	ug/l	100
59) 2-Hexanone	10.98	43	298299	266.004	ug/l	99
60) Dibromochloromethane	11.14	129	161007	54.386	ug/l	100
61) 1,2-Dibromoethane	11.24	107	113207	54.895	ug/l	98
64) Tetrachloroethene	10.87	164	150662	47.928	ug/l	98
65) Chlorobenzene	11.67	112	424417	51.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	168311	51.762	ug/l	99
67) Ethyl Benzene	11.74	91	733402	50.927	ug/l	100
68) m/p-Xylenes	11.85	106	558735	100.139	ug/l	98
69) o-Xylene	12.18	106	268392	52.879	ug/l	99
70) Styrene	12.20	104	461352	51.866	ug/l	98
71) Bromoform	12.36	173	101090	52.473	ug/l #	99
73) Isopropylbenzene	12.48	105	729809	54.130	ug/l	100
74) N-amyl acetate	12.28	43	160859	54.180	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	125847	54.740	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	97369m	57.808	ug/l	
77) Bromobenzene	12.76	156	188413	54.287	ug/l	98
78) n-propylbenzene	12.82	91	822976	52.511	ug/l	100
79) 2-Chlorotoluene	12.91	91	473915	52.871	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	611741	54.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	37778	49.580	ug/l	89
82) 4-Chlorotoluene	13.01	91	511644	54.071	ug/l	99
83) tert-Butylbenzene	13.23	119	525997	53.044	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	603585	53.489	ug/l	100
85) sec-Butylbenzene	13.40	105	705702	52.711	ug/l	99
86) p-Isopropyltoluene	13.52	119	670761	53.418	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	340749	52.238	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	341488	52.494	ug/l	99
89) n-Butylbenzene	13.84	91	608024	54.045	ug/l	100
90) Hexachloroethane	14.11	117	131266	52.415	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	306702	53.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21766	55.086	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	228299	53.702	ug/l	99
94) Hexachlorobutadiene	15.27	225	133513	53.333	ug/l	97
95) Naphthalene	15.41	128	413758	59.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	205047	54.637	ug/l	99

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

