

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065728.D
 Acq On : 13 May 2020 12:54
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: May 13 14:06:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	573129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	511883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	59656	16.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.46%	
35) Dibromofluoromethane	7.91	113	63708	18.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.44%	
50) Toluene-d8	10.34	98	242608	18.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.34%	
62) 4-Bromofluorobenzene	12.64	95	83084	17.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	46645	15.921	ug/l	97
3) Chloromethane	2.21	50	71227	18.960	ug/l	98
4) Vinyl Chloride	2.35	62	77218	20.142	ug/l	99
5) Bromomethane	2.76	94	49543	20.304	ug/l	97
6) Chloroethane	2.92	64	51135	20.606	ug/l	91
7) Trichlorofluoromethane	3.27	101	107509	17.902	ug/l	96
8) Diethyl Ether	3.71	74	30995	16.626	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66681	18.299	ug/l	98
10) Methyl Iodide	4.30	142	64543	17.924	ug/l	98
11) Tert butyl alcohol	5.22	59	37089m	111.509	ug/l	
12) 1,1-Dichloroethene	4.07	96	62380	17.452	ug/l	92
13) Acrolein	3.93	56	21251	72.094	ug/l	98
14) Allyl chloride	4.71	41	107977	15.438	ug/l	100
15) Acrylonitrile	5.43	53	71137	82.173	ug/l	98
16) Acetone	4.16	43	59324	76.518	ug/l	94
17) Carbon Disulfide	4.40	76	198968	17.107	ug/l	99
18) Methyl Acetate	4.71	43	34396	17.739	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	150153	17.555	ug/l	96
20) Methylene Chloride	4.96	84	71707	17.856	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	72624	17.719	ug/l	94
22) Diisopropyl ether	6.36	45	209796	16.157	ug/l	93
23) Vinyl Acetate	6.31	43	622838	79.690	ug/l	100
24) 1,1-Dichloroethane	6.27	63	123699	17.187	ug/l	99
25) 2-Butanone	7.21	43	89902	77.941	ug/l	95
26) 2,2-Dichloropropane	7.21	77	111831	17.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	78799	17.771	ug/l	97
28) Bromochloromethane	7.55	49	48109	16.014	ug/l	100
29) Tetrahydrofuran	7.57	42	57904	77.722	ug/l	99
30) Chloroform	7.71	83	123362	17.702	ug/l	99
31) Cyclohexane	7.98	56	123965	16.675	ug/l #	95
32) 1,1,1-Trichloroethane	7.91	97	116118	17.904	ug/l	99
36) 1,1-Dichloropropene	8.11	75	100922	18.189	ug/l	99
37) Ethyl Acetate	7.29	43	44000	16.821	ug/l	99
38) Carbon Tetrachloride	8.10	117	106898	19.232	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	130050	18.697	ug/l	96
40) Benzene	8.36	78	278814	18.376	ug/l	98
41) Methacrylonitrile	7.53	41	23191m	15.175	ug/l	
42) 1,2-Dichloroethane	8.43	62	76305	17.525	ug/l	99
43) Isopropyl Acetate	8.46	43	84695	16.183	ug/l	100
44) Trichloroethene	9.11	130	81885	19.335	ug/l	95
45) 1,2-Dichloropropane	9.39	63	68329	17.553	ug/l	100
46) Dibromomethane	9.48	93	36387	18.465	ug/l	98
47) Bromodichloromethane	9.67	83	95616	18.143	ug/l	97
48) Methyl methacrylate	9.46	41	43265	16.546	ug/l	96
49) 1,4-Dioxane	9.46	88	8996	375.771	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	206318	81.768	ug/l	99
52) Toluene	10.41	92	182885	18.955	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	92181	17.391	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	112144	17.862	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	49512	18.644	ug/l	97
56) Ethyl methacrylate	10.67	69	66484	17.533	ug/l	96
57) 1,3-Dichloropropane	10.95	76	88143	18.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	141239	80.488	ug/l	97
59) 2-Hexanone	10.99	43	139203	80.523	ug/l	98
60) Dibromochloromethane	11.14	129	67600	18.798	ug/l	99
61) 1,2-Dibromoethane	11.25	107	50777	19.000	ug/l	99
64) Tetrachloroethene	10.88	164	72275	20.055	ug/l	97
65) Chlorobenzene	11.67	112	195354	19.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	72741	19.214	ug/l	99
67) Ethyl Benzene	11.75	91	348289	18.477	ug/l	97
68) m/p-Xylenes	11.86	106	268006	37.989	ug/l	99
69) o-Xylene	12.18	106	122943	18.669	ug/l	96
70) Styrene	12.20	104	211229	18.698	ug/l	99
71) Bromoform	12.37	173	41148	19.291	ug/l #	100
73) Isopropylbenzene	12.48	105	345448	18.701	ug/l	99
74) N-amyl acetate	12.29	43	79141	15.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	54514	17.741	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43469m	21.026	ug/l	
77) Bromobenzene	12.77	156	83071	19.456	ug/l	97
78) n-propylbenzene	12.83	91	398818	18.388	ug/l	99
79) 2-Chlorotoluene	12.91	91	223338	18.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	283749	18.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	19285	16.797	ug/l	96
82) 4-Chlorotoluene	13.01	91	234183	18.261	ug/l	100
83) tert-Butylbenzene	13.23	119	250846	19.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	280586	18.587	ug/l	98
85) sec-Butylbenzene	13.41	105	337543	18.686	ug/l	99
86) p-Isopropyltoluene	13.52	119	310992	18.829	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	154839	19.338	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	152449	19.261	ug/l	99
89) n-Butylbenzene	13.85	91	290884	18.283	ug/l	99
90) Hexachloroethane	14.12	117	58789	17.928	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	132386	19.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	9023	17.641	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	99290	19.165	ug/l	98
94) Hexachlorobutadiene	15.28	225	59790	19.846	ug/l	97
95) Naphthalene	15.41	128	165816	18.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85390	19.379	ug/l	98

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

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