

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001823.D
 Acq On : 02 Mar 2020 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 11:11:44 AM

Quant Time: Mar 02 17:58:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	185113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	337614	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	301609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	141126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	103606	52.03	ug/l	-0.01
Spiked Amount						
			Recovery	=	104.06%	
35) Dibromofluoromethane	7.74	113	97054	50.19	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.38%	
50) Toluene-d8	10.19	98	397404	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	142913	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	90628	50.225	ug/l	99
3) Chloromethane	2.12	50	118812	48.954	ug/l	99
4) Vinyl Chloride	2.26	62	115206	47.062	ug/l	100
5) Bromomethane	2.66	94	73840	48.263	ug/l	99
6) Chloroethane	2.80	64	71568	47.443	ug/l	100
7) Trichlorofluoromethane	3.14	101	159894	51.034	ug/l	99
8) Diethyl Ether	3.54	74	65847	53.312	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	101323	51.452	ug/l	99
10) Methyl Iodide	4.11	142	115268	47.827	ug/l	99
11) Tert butyl alcohol	4.97	59	56952	246.546	ug/l	98
12) 1,1-Dichloroethene	3.89	96	101613	50.591	ug/l	98
13) Acrolein	3.75	56	55030	273.649	ug/l	99
14) Allyl chloride	4.50	41	184961	51.743	ug/l	99
15) Acrylonitrile	5.19	53	177319	280.085	ug/l	100
16) Acetone	3.97	43	153045	222.138	ug/l	99
17) Carbon Disulfide	4.21	76	304121	45.354	ug/l	99
18) Methyl Acetate	4.50	43	82197	54.784	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	300449	53.727	ug/l	97
20) Methylene Chloride	4.74	84	125483	51.276	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	115583	50.438	ug/l	97
22) Diisopropyl ether	6.14	45	390171	53.151	ug/l	99
23) Vinyl Acetate	6.08	43	1281811	267.694	ug/l	99
24) 1,1-Dichloroethane	6.04	63	208207	53.067	ug/l	98
25) 2-Butanone	7.00	43	234251	250.287	ug/l	100
26) 2,2-Dichloropropane	7.00	77	172524	50.541	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	131058	51.813	ug/l	100
28) Bromochloromethane	7.35	49	90627	55.450	ug/l	98
29) Tetrahydrofuran	7.36	42	151815	268.369	ug/l	100
30) Chloroform	7.52	83	199853	52.131	ug/l	100
31) Cyclohexane	7.80	56	199323	47.648	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	165785	51.453	ug/l	99
36) 1,1-Dichloropropene	7.93	75	160929	49.902	ug/l	99
37) Ethyl Acetate	7.09	43	101414	52.689	ug/l	100
38) Carbon Tetrachloride	7.91	117	140972	49.768	ug/l	99

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39) Methylcyclohexane	9.19	83	207404	48.478	ug/l	98
40) Benzene	8.17	78	488800	51.537	ug/l	100
41) Methacrylonitrile	7.33	41	55185m	57.101	ug/l	
42) 1,2-Dichloroethane	8.25	62	131570	50.920	ug/l	100
43) Isopropyl Acetate	8.28	43	193832	53.076	ug/l	99
44) Trichloroethene	8.95	130	118929	50.231	ug/l	100
45) 1,2-Dichloropropane	9.22	63	126305	53.174	ug/l	100
46) Dibromomethane	9.31	93	65491	52.715	ug/l	98
47) Bromodichloromethane	9.50	83	155710	51.931	ug/l	99
48) Methyl methacrylate	9.30	41	85880	51.997	ug/l	98
49) 1,4-Dioxane	9.31	88	18126	1032.984	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	499057	265.972	ug/l	100
52) Toluene	10.25	92	299838	50.681	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	170752	51.512	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	199094	52.186	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	97748	53.358	ug/l	100
56) Ethyl methacrylate	10.52	69	148574	54.062	ug/l	99
57) 1,3-Dichloropropane	10.80	76	174401	53.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	239629	230.350	ug/l	100
59) 2-Hexanone	10.84	43	358186	254.420	ug/l	99
60) Dibromochloromethane	10.99	129	104974	51.975	ug/l	99
61) 1,2-Dibromoethane	11.10	107	92292	53.282	ug/l	99
64) Tetrachloroethene	10.72	164	93735	49.507	ug/l	99
65) Chlorobenzene	11.52	112	311661	51.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	106088	52.227	ug/l	100
67) Ethyl Benzene	11.59	91	578957	51.810	ug/l	100
68) m/p-Xylenes	11.70	106	429249	102.833	ug/l	100
69) o-Xylene	12.03	106	206805	52.113	ug/l	98
70) Styrene	12.05	104	360638	52.290	ug/l	99
71) Bromoform	12.21	173	60814	52.388	ug/l #	100
73) Isopropylbenzene	12.33	105	550056	51.162	ug/l	100
74) N-amyl acetate	12.15	43	180059	52.477	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	125080	54.487	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	84308m	52.077	ug/l	
77) Bromobenzene	12.61	156	119314	51.193	ug/l	98
78) n-propylbenzene	12.67	91	680665	51.983	ug/l	100
79) 2-Chlorotoluene	12.76	91	381224	51.909	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	461993	51.911	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	44698	52.381	ug/l	97
82) 4-Chlorotoluene	12.86	91	399071	51.522	ug/l	99
83) tert-Butylbenzene	13.08	119	394449	52.993	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	462311	52.105	ug/l	100
85) sec-Butylbenzene	13.26	105	565416	51.649	ug/l	100
86) p-Isopropyltoluene	13.38	119	490299	51.555	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	231036	51.113	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	232610	50.909	ug/l	100
89) n-Butylbenzene	13.70	91	505387	52.007	ug/l	99
90) Hexachloroethane	13.97	117	91626	51.136	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	213926	51.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18981	50.101	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.02	180	136315	49.313	ug/l	99
94) Hexachlorobutadiene	15.12	225	64704	47.066	ug/l	99
95) Naphthalene	15.25	128	336880	52.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	122206	50.250	ug/l	99

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

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