

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002600.D
 Acq On : 05 May 2020 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 10:26:37 AM

Quant Time: May 06 08:03:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	364107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	567187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	516727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	262355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	161099	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.75	113	170325	52.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.19	98	650964	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.49	95	224552	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	148017	49.227	ug/l	98
3) Chloromethane	2.13	50	158982	53.893	ug/l	99
4) Vinyl Chloride	2.27	62	178969	52.541	ug/l	100
5) Bromomethane	2.66	94	128039	54.507	ug/l	100
6) Chloroethane	2.81	64	110082	54.124	ug/l	99
7) Trichlorofluoromethane	3.15	101	273007	51.714	ug/l	100
8) Diethyl Ether	3.55	74	103532	58.358	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	168796	52.315	ug/l	99
10) Methyl Iodide	4.12	142	255428	58.108	ug/l	99
11) Tert butyl alcohol	4.99	59	75769	240.557	ug/l	100
12) 1,1-Dichloroethene	3.90	96	170006	54.238	ug/l	97
13) Acrolein	3.75	56	45467	208.751	ug/l	97
14) Allyl chloride	4.51	41	258980	56.708	ug/l	98
15) Acrylonitrile	5.20	53	233316	278.879	ug/l	99
16) Acetone	3.97	43	164554	260.443	ug/l	100
17) Carbon Disulfide	4.22	76	515954	54.717	ug/l	100
18) Methyl Acetate	4.51	43	116024	54.960	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	463625	56.694	ug/l	97
20) Methylene Chloride	4.75	84	190857	54.018	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	190663	55.654	ug/l	98
22) Diisopropyl ether	6.15	45	539106	58.341	ug/l	97
23) Vinyl Acetate	6.10	43	1661629	285.928	ug/l	99
24) 1,1-Dichloroethane	6.05	63	313593	57.365	ug/l	100
25) 2-Butanone	7.02	43	279922	270.651	ug/l	98
26) 2,2-Dichloropropane	7.01	77	256016	49.269	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	214676	56.633	ug/l	98
28) Bromochloromethane	7.36	49	129726	57.918	ug/l	98
29) Tetrahydrofuran	7.37	42	192137	280.787	ug/l	100
30) Chloroform	7.53	83	318383	56.013	ug/l	99
31) Cyclohexane	7.81	56	280272	50.934	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	282984	53.563	ug/l	100
36) 1,1-Dichloropropene	7.94	75	243620	51.237	ug/l	100
37) Ethyl Acetate	7.10	43	130942	53.591	ug/l	99
38) Carbon Tetrachloride	7.92	117	263668	50.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	315814	50.288	ug/l	98
40) Benzene	8.18	78	736058	53.598	ug/l	99
41) Methacrylonitrile	7.35	41	61303m	46.664	ug/l	
42) 1,2-Dichloroethane	8.26	62	201147	52.218	ug/l	98
43) Isopropyl Acetate	8.30	43	248004	54.142	ug/l	100
44) Trichloroethene	8.96	130	229214	53.408	ug/l	100
45) 1,2-Dichloropropane	9.24	63	181129	54.650	ug/l	100
46) Dibromomethane	9.33	93	103305	54.173	ug/l	99
47) Bromodichloromethane	9.52	83	251264	54.189	ug/l	99
48) Methyl methacrylate	9.31	41	114491	55.228	ug/l	98
49) 1,4-Dioxane	9.31	88	26637	1054.989	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	634753	268.846	ug/l	99
52) Toluene	10.26	92	472352	53.520	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	262540	54.040	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	302578	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	150291	54.045	ug/l	98
56) Ethyl methacrylate	10.52	69	206749	55.887	ug/l	98
57) 1,3-Dichloropropane	10.80	76	254313	53.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	525099	269.158	ug/l	99
59) 2-Hexanone	10.85	43	441954	271.968	ug/l	100
60) Dibromochloromethane	11.00	129	191434	54.125	ug/l	99
61) 1,2-Dibromoethane	11.10	107	148451	53.913	ug/l	99
64) Tetrachloroethene	10.73	164	252779	55.058	ug/l	98
65) Chlorobenzene	11.53	112	521326	53.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	197770	54.238	ug/l	99
67) Ethyl Benzene	11.60	91	910718	52.781	ug/l	99
68) m/p-Xylenes	11.71	106	707550	105.980	ug/l	100
69) o-Xylene	12.04	106	336882	53.892	ug/l	98
70) Styrene	12.05	104	583565	54.608	ug/l	99
71) Bromoform	12.22	173	119993	53.020	ug/l	# 99
73) Isopropylbenzene	12.34	105	897174	52.765	ug/l	100
74) N-amyl acetate	12.16	43	229635	56.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	137407	50.814	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	113701m	48.768	ug/l	
77) Bromobenzene	12.62	156	226811	53.392	ug/l	99
78) n-propylbenzene	12.68	91	1038899	52.651	ug/l	100
79) 2-Chlorotoluene	12.77	91	580182	53.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	754371	53.523	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60215	51.788	ug/l	97
82) 4-Chlorotoluene	12.86	91	606587	52.833	ug/l	100
83) tert-Butylbenzene	13.08	119	661271	53.509	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	751531	53.503	ug/l	100
85) sec-Butylbenzene	13.27	105	901119	52.548	ug/l	100
86) p-Isopropyltoluene	13.38	119	843597	52.502	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	425026	52.863	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	424158	53.277	ug/l	100
89) n-Butylbenzene	13.70	91	765161	52.310	ug/l	100
90) Hexachloroethane	13.97	117	159521	54.516	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	385882	53.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	25674	50.934	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	276571	53.099	ug/l	100
94) Hexachlorobutadiene	15.12	225	162961	52.123	ug/l	99
95) Naphthalene	15.25	128	519522	54.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	239057	54.064	ug/l	100

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

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