

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002602.D
 Acq On : 06 May 2020 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:21 AM

Quant Time: May 06 13:31:57 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	7.81	168	378303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	559149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	498240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	252731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	157884	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.74	113	167969	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.19	98	657641	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.49	95	221193	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	174051	55.478	ug/l	99
3) Chloromethane	2.13	50	180188	58.790	ug/l	100
4) Vinyl Chloride	2.27	62	209411	59.171	ug/l	98
5) Bromomethane	2.67	94	133957	54.887	ug/l	99
6) Chloroethane	2.81	64	118009	55.844	ug/l	99
7) Trichlorofluoromethane	3.15	101	296309	54.021	ug/l	100
8) Diethyl Ether	3.55	74	100081	54.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	183372	54.700	ug/l	99
10) Methyl Iodide	4.11	142	253612	55.530	ug/l	99
11) Tert butyl alcohol	4.98	59	71558	218.662	ug/l	100
12) 1,1-Dichloroethene	3.90	96	179129	55.004	ug/l	97
13) Acrolein	3.75	56	53166	234.939	ug/l	96
14) Allyl chloride	4.50	41	268909	56.673	ug/l	97
15) Acrylonitrile	5.19	53	229206	263.686	ug/l	99
16) Acetone	3.97	43	173643	264.516	ug/l	100
17) Carbon Disulfide	4.22	76	556543	56.806	ug/l	99
18) Methyl Acetate	4.50	43	113457	51.727	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	449815	52.941	ug/l	97
20) Methylene Chloride	4.74	84	185714	50.590	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	195955	55.052	ug/l	99
22) Diisopropyl ether	6.14	45	527868	54.982	ug/l	97
23) Vinyl Acetate	6.09	43	1638410	271.353	ug/l	99
24) 1,1-Dichloroethane	6.05	63	312896	55.089	ug/l	99
25) 2-Butanone	7.01	43	271023	252.214	ug/l	100
26) 2,2-Dichloropropane	7.00	77	283996	52.603	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	212510	53.958	ug/l	100
28) Bromochloromethane	7.35	49	127545	54.808	ug/l	100
29) Tetrahydrofuran	7.37	42	188775	265.522	ug/l	99
30) Chloroform	7.53	83	313793	53.134	ug/l	99
31) Cyclohexane	7.80	56	304517	53.263	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	291994	53.194	ug/l	99
36) 1,1-Dichloropropene	7.94	75	257154	54.861	ug/l	99
37) Ethyl Acetate	7.10	43	126151	52.372	ug/l	99
38) Carbon Tetrachloride	7.92	117	277425	54.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	344621	55.664	ug/l	98
40) Benzene	8.18	78	738041	54.515	ug/l	99
41) Methacrylonitrile	7.34	41	60753m	46.910	ug/l	
42) 1,2-Dichloroethane	8.25	62	195068	51.368	ug/l	98
43) Isopropyl Acetate	8.29	43	239854	53.115	ug/l	100
44) Trichloroethene	8.96	130	232671	54.993	ug/l	100
45) 1,2-Dichloropropane	9.23	63	178898	54.753	ug/l	99
46) Dibromomethane	9.32	93	99839	53.108	ug/l	100
47) Bromodichloromethane	9.51	83	243944	53.367	ug/l	99
48) Methyl methacrylate	9.30	41	113602	55.587	ug/l	96
49) 1,4-Dioxane	9.31	88	26641	1070.316	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	617594	265.339	ug/l	100
52) Toluene	10.25	92	473648	54.438	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258024	53.874	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	301615	54.475	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	143900	52.490	ug/l	97
56) Ethyl methacrylate	10.52	69	198988	54.562	ug/l	98
57) 1,3-Dichloropropane	10.80	76	242709	52.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	492635	256.148	ug/l	99
59) 2-Hexanone	10.84	43	431611	269.421	ug/l	100
60) Dibromochloromethane	10.99	129	185977	53.338	ug/l	99
61) 1,2-Dibromoethane	11.10	107	142753	52.589	ug/l	99
64) Tetrachloroethene	10.73	164	254784	57.554	ug/l	96
65) Chlorobenzene	11.53	112	512025	54.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	192530	54.760	ug/l	99
67) Ethyl Benzene	11.60	91	915573	55.031	ug/l	99
68) m/p-Xylenes	11.71	106	705486	109.592	ug/l	99
69) o-Xylene	12.04	106	334524	55.500	ug/l	97
70) Styrene	12.05	104	569996	55.318	ug/l	99
71) Bromoform	12.22	173	118984	54.525	ug/l #	99
73) Isopropylbenzene	12.34	105	909023	55.498	ug/l	100
74) N-amyl acetate	12.15	43	220047	55.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	132278	50.780	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	104645m	46.593	ug/l	
77) Bromobenzene	12.62	156	223353	54.580	ug/l	99
78) n-propylbenzene	12.68	91	1060044	55.768	ug/l	100
79) 2-Chlorotoluene	12.77	91	574154	54.531	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	753353	55.486	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	61538	54.942	ug/l #	73
82) 4-Chlorotoluene	12.86	91	600906	54.332	ug/l	100
83) tert-Butylbenzene	13.08	119	669183	56.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	751331	55.526	ug/l	100
85) sec-Butylbenzene	13.27	105	922123	55.820	ug/l	100
86) p-Isopropyltoluene	13.38	119	861335	55.647	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	421006	54.357	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	418803	54.608	ug/l	100
89) n-Butylbenzene	13.70	91	791736	56.188	ug/l	99
90) Hexachloroethane	13.97	117	157780	55.974	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	373516	54.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	24678	50.822	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	272225	54.255	ug/l	99
94) Hexachlorobutadiene	15.12	225	166734	55.360	ug/l	98
95) Naphthalene	15.25	128	483461	52.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	228500	53.645	ug/l	99

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

