

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001866.D
 Acq On : 04 Mar 2020 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 1:37:30 PM

Quant Time: Mar 05 05:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	154412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90432	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.74	113	81843	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.19	98	342489	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	121971	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67061	47.049	ug/l	98
3) Chloromethane	2.13	50	94255	49.048	ug/l	100
4) Vinyl Chloride	2.26	62	95913	49.069	ug/l	99
5) Bromomethane	2.66	94	65722	58.570	ug/l	96
6) Chloroethane	2.81	64	63042	51.342	ug/l	96
7) Trichlorofluoromethane	3.15	101	130246	49.132	ug/l	95
8) Diethyl Ether	3.55	74	56355	53.938	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	84027	49.282	ug/l	99
10) Methyl Iodide	4.12	142	96031	48.703	ug/l	99
11) Tert butyl alcohol	4.99	59	52526	311.772	ug/l	99
12) 1,1-Dichloroethene	3.90	96	85168	49.609	ug/l	97
13) Acrolein	3.75	56	61122	263.859	ug/l	96
14) Allyl chloride	4.50	41	159233	52.319	ug/l	99
15) Acrylonitrile	5.20	53	158922	284.650	ug/l	99
16) Acetone	3.97	43	123017	256.217	ug/l	96
17) Carbon Disulfide	4.22	76	285219	49.421	ug/l	99
18) Methyl Acetate	4.50	43	70066	56.796	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	254724	54.752	ug/l	98
20) Methylene Chloride	4.75	84	103824	50.455	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	99245	50.931	ug/l	96
22) Diisopropyl ether	6.15	45	337164	54.044	ug/l	98
23) Vinyl Acetate	6.10	43	1162731	284.294	ug/l	98
24) 1,1-Dichloroethane	6.05	63	173472	51.347	ug/l	97
25) 2-Butanone	7.02	43	207394	284.046	ug/l	99
26) 2,2-Dichloropropane	7.01	77	136089	49.078	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110342	52.057	ug/l	100
28) Bromochloromethane	7.36	49	86537	56.827	ug/l	98
29) Tetrahydrofuran	7.38	42	141917	292.696	ug/l	99
30) Chloroform	7.53	83	165176	52.038	ug/l	97
31) Cyclohexane	7.81	56	174280	48.111	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	135587	50.681	ug/l	99
36) 1,1-Dichloropropene	7.94	75	135410	48.651	ug/l	99
37) Ethyl Acetate	7.10	43	92097	56.932	ug/l	99
38) Carbon Tetrachloride	7.92	117	116615	49.046	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	180093	48.785	ug/l	97
40) Benzene	8.18	78	414667	50.264	ug/l	99
41) Methacrylonitrile	7.34	41	43671m	59.987	ug/l	
42) 1,2-Dichloroethane	8.26	62	111888	52.633	ug/l	99
43) Isopropyl Acetate	8.29	43	170731	55.745	ug/l	98
44) Trichloroethene	8.96	130	98711	49.130	ug/l	99
45) 1,2-Dichloropropane	9.24	63	107121	51.654	ug/l	100
46) Dibromomethane	9.32	93	57389	53.700	ug/l	97
47) Bromodichloromethane	9.52	83	129956	52.275	ug/l	99
48) Methyl methacrylate	9.31	41	76113	56.006	ug/l	97
49) 1,4-Dioxane	9.31	88	17113	1168.616	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	450824	285.783	ug/l	100
52) Toluene	10.26	92	255554	50.993	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	145903	53.869	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	167882	52.068	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	83206	53.200	ug/l	97
56) Ethyl methacrylate	10.52	69	127199	55.485	ug/l	97
57) 1,3-Dichloropropane	10.80	76	147411	52.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	209899	263.673	ug/l	99
59) 2-Hexanone	10.85	43	316790	281.354	ug/l	100
60) Dibromochloromethane	11.00	129	87897	53.334	ug/l	99
61) 1,2-Dibromoethane	11.10	107	79261	53.500	ug/l	99
64) Tetrachloroethene	10.73	164	80367	48.256	ug/l	94
65) Chlorobenzene	11.53	112	260877	49.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	86763	49.999	ug/l	100
67) Ethyl Benzene	11.60	91	485470	49.192	ug/l	96
68) m/p-Xylenes	11.71	106	360728	98.867	ug/l	100
69) o-Xylene	12.04	106	172026	50.023	ug/l	99
70) Styrene	12.05	104	303267	51.489	ug/l	99
71) Bromoform	12.22	173	51482	54.705	ug/l #	99
73) Isopropylbenzene	12.34	105	458605	49.420	ug/l	100
74) N-amyl acetate	12.15	43	159055	55.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108641	54.290	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	70510m	48.884	ug/l	
77) Bromobenzene	12.62	156	98781	50.243	ug/l	99
78) n-propylbenzene	12.68	91	565673	49.411	ug/l	100
79) 2-Chlorotoluene	12.77	91	313766	49.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	377357	49.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	38583	54.032	ug/l	98
82) 4-Chlorotoluene	12.86	91	331697	50.367	ug/l	99
83) tert-Butylbenzene	13.08	119	312300	49.219	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	382252	50.420	ug/l	100
85) sec-Butylbenzene	13.27	105	467909	50.030	ug/l	100
86) p-Isopropyltoluene	13.38	119	406526	50.388	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	192337	49.923	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195303	49.969	ug/l	100
89) n-Butylbenzene	13.70	91	416031	49.703	ug/l	99
90) Hexachloroethane	13.97	117	77637	51.010	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	178912	51.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17362	55.600	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112086	49.380	ug/l	98
94) Hexachlorobutadiene	15.12	225	53213	48.085	ug/l	98
95) Naphthalene	15.25	128	283376	52.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	101013	50.516	ug/l	99

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

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