

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003049.D
 Acq On : 30 Jun 2020 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:43 PM

Quant Time: Jul 01 07:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	463854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	694352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	645070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	339777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	232081	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.72	113	223568	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.18	98	813013	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.48	95	285488	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	154721	44.044	ug/l	99
3) Chloromethane	2.12	50	204586	39.770	ug/l	99
4) Vinyl Chloride	2.26	62	227973	45.432	ug/l	98
5) Bromomethane	2.66	94	179715	52.749	ug/l	100
6) Chloroethane	2.80	64	153711	48.153	ug/l	99
7) Trichlorofluoromethane	3.13	101	326261	46.067	ug/l	99
8) Diethyl Ether	3.54	74	120031	49.437	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	202686	47.930	ug/l	100
10) Methyl Iodide	4.10	142	259771	49.539	ug/l	100
11) Tert butyl alcohol	4.98	59	104088	221.696	ug/l	98
12) 1,1-Dichloroethene	3.88	96	190729	47.403	ug/l	91
13) Acrolein	3.74	56	83592	198.233	ug/l	99
14) Allyl chloride	4.49	41	298517	42.493	ug/l	96
15) Acrylonitrile	5.18	53	290734	232.341	ug/l	98
16) Acetone	3.96	43	222610	204.878	ug/l	100
17) Carbon Disulfide	4.20	76	578427	44.995	ug/l	98
18) Methyl Acetate	4.49	43	132551	45.280	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	598917	51.066	ug/l	98
20) Methylene Chloride	4.72	84	262695	54.856	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	221758	48.725	ug/l	96
22) Diisopropyl ether	6.13	45	692406	45.986	ug/l	95
23) Vinyl Acetate	6.07	43	2336253	232.082	ug/l	98
24) 1,1-Dichloroethane	6.03	63	386825	47.031	ug/l	98
25) 2-Butanone	7.00	43	392739	227.544	ug/l	97
26) 2,2-Dichloropropane	6.99	77	327874	43.876	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	253474	49.654	ug/l	95
28) Bromochloromethane	7.34	49	186993	51.096	ug/l	84
29) Tetrahydrofuran	7.35	42	261945	228.217	ug/l	92
30) Chloroform	7.52	83	401410	49.263	ug/l	99
31) Cyclohexane	7.79	56	336412	41.519	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	356243	47.897	ug/l	98
36) 1,1-Dichloropropene	7.93	75	302417	45.216	ug/l	98
37) Ethyl Acetate	7.08	43	180971	45.002	ug/l	97
38) Carbon Tetrachloride	7.91	117	327424	47.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	381884	46.052	ug/l	97
40) Benzene	8.17	78	867788	47.392	ug/l	97
41) Methacrylonitrile	7.33	41	108061m	50.305	ug/l	
42) 1,2-Dichloroethane	8.24	62	279285	48.213	ug/l	100
43) Isopropyl Acetate	8.28	43	356572	46.642	ug/l	95
44) Trichloroethene	8.94	130	263454	49.502	ug/l	99
45) 1,2-Dichloropropane	9.22	63	228918	46.469	ug/l	97
46) Dibromomethane	9.31	93	138911	50.488	ug/l	98
47) Bromodichloromethane	9.50	83	330075	48.993	ug/l	99
48) Methyl methacrylate	9.30	41	159040	45.705	ug/l	92
49) 1,4-Dioxane	9.31	88	36184	1077.346	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	932964	236.118	ug/l	97
52) Toluene	10.24	92	558183	48.425	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	344475	48.769	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	387297	47.944	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	194056	50.756	ug/l	100
56) Ethyl methacrylate	10.51	69	280499	50.682	ug/l	96
57) 1,3-Dichloropropane	10.79	76	334054	49.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	734104	258.628	ug/l	96
59) 2-Hexanone	10.83	43	651967	236.066	ug/l	98
60) Dibromochloromethane	10.99	129	250252	51.147	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193958	51.458	ug/l	99
64) Tetrachloroethene	10.72	164	272318	49.879	ug/l	96
65) Chlorobenzene	11.52	112	621612	48.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	248971	50.135	ug/l	100
67) Ethyl Benzene	11.59	91	1103397	47.418	ug/l	100
68) m/p-Xylenes	11.70	106	835805	96.508	ug/l	98
69) o-Xylene	12.03	106	399250	48.922	ug/l	97
70) Styrene	12.05	104	695118	49.857	ug/l	98
71) Bromoform	12.20	173	170411	51.463	ug/l #	100
73) Isopropylbenzene	12.33	105	1060828	47.706	ug/l	100
74) N-amyl acetate	12.14	43	342143	47.263	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	223586	49.824	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	169912m	50.528	ug/l	
77) Bromobenzene	12.61	156	283885	49.791	ug/l	98
78) n-propylbenzene	12.67	91	1257522	47.022	ug/l	99
79) 2-Chlorotoluene	12.75	91	718354	48.123	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	896814	48.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	82599	47.789	ug/l	97
82) 4-Chlorotoluene	12.85	91	751526	48.355	ug/l	98
83) tert-Butylbenzene	13.08	119	783725	47.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	906786	48.226	ug/l	100
85) sec-Butylbenzene	13.25	105	1078206	47.742	ug/l	99
86) p-Isopropyltoluene	13.37	119	994493	47.522	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	525366	49.355	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	519217	49.466	ug/l	100
89) n-Butylbenzene	13.70	91	928641	46.380	ug/l	99
90) Hexachloroethane	13.96	117	203801	49.044	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	477146	49.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39355	49.541	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	358573	50.527	ug/l	99
94) Hexachlorobutadiene	15.11	225	214878	48.004	ug/l	97
95) Naphthalene	15.23	128	678182	52.321	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	312586	50.726	ug/l	99

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

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