

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000595.D
 Acq On : 07 Nov 2019 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:11 PM

Quant Time: Nov 08 05:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153928	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.73	113	133028	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	545358	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.48	95	199538	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	129244	51.772	ug/l	99
3) Chloromethane	2.12	50	175236	50.956	ug/l	98
4) Vinyl Chloride	2.25	62	165451	51.809	ug/l	99
5) Bromomethane	2.65	94	109672	57.270	ug/l	93
6) Chloroethane	2.79	64	109736	54.904	ug/l	97
7) Trichlorofluoromethane	3.13	101	237954	55.175	ug/l	99
8) Diethyl Ether	3.53	74	90536	59.081	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141118	54.123	ug/l	96
10) Methyl Iodide	4.10	142	165365	48.300	ug/l	99
11) Tert butyl alcohol	4.97	59	75596	295.910	ug/l	100
12) 1,1-Dichloroethene	3.88	96	139108	54.915	ug/l	98
13) Acrolein	3.74	56	69283	311.345	ug/l	100
14) Allyl chloride	4.49	41	241568	58.646	ug/l	99
15) Acrylonitrile	5.18	53	242604	309.046	ug/l	99
16) Acetone	3.96	43	191693	265.019	ug/l	96
17) Carbon Disulfide	4.19	76	425721	53.284	ug/l	99
18) Methyl Acetate	4.48	43	142766	63.479	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	424068	60.210	ug/l	98
20) Methylene Chloride	4.72	84	164250	52.995	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	158564	55.368	ug/l	92
22) Diisopropyl ether	6.13	45	545822	60.965	ug/l	98
23) Vinyl Acetate	6.07	43	1695915	300.077	ug/l	98
24) 1,1-Dichloroethane	6.03	63	281117	57.960	ug/l	98
25) 2-Butanone	7.00	43	335796	290.892	ug/l	94
26) 2,2-Dichloropropane	6.99	77	229510	51.780	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	182866	58.396	ug/l	99
28) Bromochloromethane	7.35	49	122615	54.987	ug/l	97
29) Tetrahydrofuran	7.36	42	219013	310.129	ug/l	100
30) Chloroform	7.52	83	282448	57.566	ug/l	99
31) Cyclohexane	7.79	56	265504	52.264	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	246336	56.333	ug/l	100
36) 1,1-Dichloropropene	7.93	75	222178	53.567	ug/l	98
37) Ethyl Acetate	7.09	43	142007	57.669	ug/l	99
38) Carbon Tetrachloride	7.91	117	214204	53.672	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	281127	52.464	ug/l	98
40) Benzene	8.17	78	664582	54.653	ug/l	100
41) Methacrylonitrile	7.33	41	60717m	44.199	ug/l	
42) 1,2-Dichloroethane	8.25	62	196796	57.061	ug/l	99
43) Isopropyl Acetate	8.28	43	275542	59.567	ug/l	99
44) Trichloroethene	8.95	130	171685	53.549	ug/l	98
45) 1,2-Dichloropropane	9.22	63	170456	56.956	ug/l	92
46) Dibromomethane	9.32	93	92935	56.464	ug/l	100
47) Bromodichloromethane	9.50	83	225911	57.845	ug/l	98
48) Methyl methacrylate	9.30	41	124603	61.651	ug/l	97
49) 1,4-Dioxane	9.30	88	26971	1217.567	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	750883	305.312	ug/l	100
52) Toluene	10.25	92	420032	54.636	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	245313	58.787	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	272286	56.957	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	136792	57.461	ug/l	96
56) Ethyl methacrylate	10.51	69	209260	62.019	ug/l	99
57) 1,3-Dichloropropane	10.79	76	242416	58.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	419132	274.767	ug/l	99
59) 2-Hexanone	10.83	43	535774	298.997	ug/l	99
60) Dibromochloromethane	10.99	129	157240	57.664	ug/l	99
61) 1,2-Dibromoethane	11.09	107	130727	57.112	ug/l	95
64) Tetrachloroethene	10.72	164	178366	52.481	ug/l	98
65) Chlorobenzene	11.52	112	444434	53.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	160244	55.444	ug/l	99
67) Ethyl Benzene	11.60	91	829023	54.053	ug/l	97
68) m/p-Xylenes	11.70	106	614760	103.562	ug/l	94
69) o-Xylene	12.03	106	298441	53.494	ug/l	100
70) Styrene	12.05	104	526339	55.096	ug/l	100
71) Bromoform	12.20	173	94845	57.055	ug/l #	99
73) Isopropylbenzene	12.33	105	805280	53.583	ug/l	99
74) N-amyl acetate	12.14	43	267947	62.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	168640	56.673	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	128035m	55.299	ug/l	
77) Bromobenzene	12.61	156	181762	53.333	ug/l	97
78) n-propylbenzene	12.67	91	976940	53.876	ug/l	99
79) 2-Chlorotoluene	12.75	91	556207	55.252	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	678474	54.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58742	56.885	ug/l	99
82) 4-Chlorotoluene	12.85	91	579051	55.491	ug/l	97
83) tert-Butylbenzene	13.08	119	570753	53.406	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	689679	55.341	ug/l	97
85) sec-Butylbenzene	13.25	105	821354	53.944	ug/l	99
86) p-Isopropyltoluene	13.37	119	730389	53.823	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	356239	53.367	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	357376	53.576	ug/l	99
89) n-Butylbenzene	13.69	91	729753	54.523	ug/l	99
90) Hexachloroethane	13.96	117	138028	55.019	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	329503	54.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31779	60.344	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	220353	53.433	ug/l	98
94) Hexachlorobutadiene	15.11	225	109778	51.641	ug/l	98
95) Naphthalene	15.23	128	520178	56.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	198983	53.782	ug/l	99

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

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