

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000945.D
 Acq On : 16 Dec 2019 10:38
 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

apatel
 12/17/2019 4:49:36 PM

Quant Time: Dec 17 07:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	307385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158015	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.72	113	157106	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.18	98	640900	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.48	95	226382	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	142490	43.063	ug/l	94
3) Chloromethane	2.12	50	188647	46.251	ug/l	97
4) Vinyl Chloride	2.26	62	188046	46.780	ug/l	96
5) Bromomethane	2.65	94	126024	52.397	ug/l	100
6) Chloroethane	2.80	64	121292	49.213	ug/l	97
7) Trichlorofluoromethane	3.13	101	278697	50.589	ug/l	94
8) Diethyl Ether	3.54	74	111659	53.851	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	181810	53.441	ug/l	98
10) Methyl Iodide	4.09	142	209941	49.014	ug/l	98
11) Tert butyl alcohol	4.96	59	77914	237.104	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	182128	54.039	ug/l	89
13) Acrolein	3.74	56	80416	248.428	ug/l	98
14) Allyl chloride	4.49	41	296620	51.328	ug/l	97
15) Acrylonitrile	5.17	53	276666	258.402	ug/l	98
16) Acetone	3.96	43	151807	202.607	ug/l	100
17) Carbon Disulfide	4.19	76	543256	49.838	ug/l	100
18) Methyl Acetate	4.49	43	156651	50.002	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	489422	54.375	ug/l	99
20) Methylene Chloride	4.72	84	204618	51.808	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	204014	53.257	ug/l	98
22) Diisopropyl ether	6.13	45	622415	52.403	ug/l	98
23) Vinyl Acetate	6.07	43	1840614	254.906	ug/l	97
24) 1,1-Dichloroethane	6.03	63	352603	53.862	ug/l	97
25) 2-Butanone	6.99	43	307790	222.376	ug/l	98
26) 2,2-Dichloropropane	6.99	77	290800	52.779	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	231491	55.904	ug/l	96
28) Bromochloromethane	7.35	49	129394	53.751	ug/l	99
29) Tetrahydrofuran	7.35	42	226081	246.497	ug/l	99
30) Chloroform	7.52	83	339540	51.703	ug/l	97
31) Cyclohexane	7.79	56	338296	48.781	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	288544	53.209	ug/l	99
36) 1,1-Dichloropropene	7.93	75	277916	51.942	ug/l	100
37) Ethyl Acetate	7.08	43	140426	45.454	ug/l	99
38) Carbon Tetrachloride	7.91	117	256367	53.803	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	365831	51.607	ug/l	99
40) Benzene	8.16	78	838482	53.801	ug/l	97
41) Methacrylonitrile	7.32	41	76047m	46.703	ug/l	
42) 1,2-Dichloroethane	8.24	62	207735	50.683	ug/l	99
43) Isopropyl Acetate	8.28	43	281704	48.386	ug/l	97
44) Trichloroethene	8.94	130	219628	54.834	ug/l	92
45) 1,2-Dichloropropane	9.22	63	213151	54.449	ug/l	96
46) Dibromomethane	9.31	93	108921	53.252	ug/l	99
47) Bromodichloromethane	9.50	83	257865	53.667	ug/l	96
48) Methyl methacrylate	9.30	41	123683	48.311	ug/l	95
49) 1,4-Dioxane	9.30	88	29534	1019.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	724951	241.002	ug/l	99
52) Toluene	10.24	92	517127	53.591	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	282301	54.685	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	336857	55.206	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	162694	53.838	ug/l	97
56) Ethyl methacrylate	10.51	69	232194	53.712	ug/l	97
57) 1,3-Dichloropropane	10.79	76	281825	53.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	410454	235.477	ug/l	99
59) 2-Hexanone	10.83	43	506378	231.021	ug/l	99
60) Dibromochloromethane	10.98	129	182268	56.029	ug/l	98
61) 1,2-Dibromoethane	11.09	107	158071	55.503	ug/l	97
64) Tetrachloroethene	10.72	164	222489	54.237	ug/l	97
65) Chlorobenzene	11.52	112	539428	54.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	187004	56.540	ug/l	100
67) Ethyl Benzene	11.59	91	984962	53.887	ug/l	97
68) m/p-Xylenes	11.70	106	747468	108.950	ug/l	99
69) o-Xylene	12.03	106	351034	54.876	ug/l	99
70) Styrene	12.04	104	610141	55.704	ug/l	99
71) Bromoform	12.20	173	105489	56.549	ug/l #	99
73) Isopropylbenzene	12.33	105	943008	53.503	ug/l	100
74) N-amyl acetate	12.14	43	243385	49.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	180413	51.950	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	123638m	49.297	ug/l	
77) Bromobenzene	12.61	156	207923	54.422	ug/l	97
78) n-propylbenzene	12.67	91	1149203	53.400	ug/l	99
79) 2-Chlorotoluene	12.75	91	631781	53.139	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	788531	54.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68989	54.033	ug/l	95
82) 4-Chlorotoluene	12.85	91	659321	53.826	ug/l	99
83) tert-Butylbenzene	13.07	119	671883	54.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	787014	53.904	ug/l	98
85) sec-Butylbenzene	13.25	105	967888	54.242	ug/l	99
86) p-Isopropyltoluene	13.36	119	842139	54.261	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	405118	54.053	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	404402	54.494	ug/l	99
89) n-Butylbenzene	13.69	91	837949	53.400	ug/l	99
90) Hexachloroethane	13.96	117	162379	56.795	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	369430	54.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	30939	53.214	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	246438	54.022	ug/l	99
94) Hexachlorobutadiene	15.11	225	123753	54.716	ug/l	100
95) Naphthalene	15.23	128	559743	52.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	217367	53.345	ug/l	99

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

