

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000806.D
 Acq On : 26 Nov 2019 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:14:35 PM

Quant Time: Nov 27 05:27:04 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	289987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	461996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	150578	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.72	113	144242	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.18	98	586393	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.48	95	212178	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	135574	47.493	ug/l	99
3) Chloromethane	2.12	50	187260	47.620	ug/l	97
4) Vinyl Chloride	2.25	62	183360	50.212	ug/l	96
5) Bromomethane	2.65	94	115110	52.566	ug/l	99
6) Chloroethane	2.79	64	120839	52.873	ug/l	97
7) Trichlorofluoromethane	3.13	101	265869	53.911	ug/l	99
8) Diethyl Ether	3.53	74	101420	57.878	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	163806	54.942	ug/l	96
10) Methyl Iodide	4.09	142	199936	50.886	ug/l	98
11) Tert butyl alcohol	4.97	59	76124	260.585	ug/l	99
12) 1,1-Dichloroethene	3.87	96	160498	55.408	ug/l	87
13) Acrolein	3.73	56	54464	214.038	ug/l	99
14) Allyl chloride	4.48	41	294723	62.572	ug/l	95
15) Acrylonitrile	5.16	53	260423	290.116	ug/l	98
16) Acetone	3.95	43	167188	202.136	ug/l	97
17) Carbon Disulfide	4.19	76	465508	50.953	ug/l	100
18) Methyl Acetate	4.48	43	149448	58.111	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	470172	58.379	ug/l	99
20) Methylene Chloride	4.72	84	190863	53.854	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	184559	56.358	ug/l	98
22) Diisopropyl ether	6.12	45	641122	62.624	ug/l	93
23) Vinyl Acetate	6.07	43	1895415	293.292	ug/l	96
24) 1,1-Dichloroethane	6.02	63	334003	60.222	ug/l	99
25) 2-Butanone	6.99	43	336392	254.841	ug/l	99
26) 2,2-Dichloropropane	6.99	77	285715	56.371	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	212667	59.390	ug/l	100
28) Bromochloromethane	7.34	49	146408	57.237	ug/l	93
29) Tetrahydrofuran	7.35	42	226963	281.058	ug/l	99
30) Chloroform	7.51	83	329155	58.667	ug/l	98
31) Cyclohexane	7.79	56	328015	56.467	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	281182	56.233	ug/l	99
36) 1,1-Dichloropropene	7.92	75	262377	54.645	ug/l	99
37) Ethyl Acetate	7.08	43	149766	52.537	ug/l	97
38) Carbon Tetrachloride	7.90	117	242395	52.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	338623	54.588	ug/l	98
40) Benzene	8.16	78	783011	55.623	ug/l	100
41) Methacrylonitrile	7.33	41	100818m	63.396	ug/l	
42) 1,2-Dichloroethane	8.24	62	214721	53.780	ug/l	99
43) Isopropyl Acetate	8.28	43	292191	54.564	ug/l	98
44) Trichloroethene	8.94	130	202737	54.623	ug/l	99
45) 1,2-Dichloropropane	9.22	63	203323	58.686	ug/l	96
46) Dibromomethane	9.31	93	103257	54.192	ug/l	97
47) Bromodichloromethane	9.50	83	254439	56.278	ug/l	96
48) Methyl methacrylate	9.30	41	126504	54.068	ug/l	97
49) 1,4-Dioxane	9.30	88	27552	1074.410	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	770917	270.770	ug/l	96
52) Toluene	10.24	92	493973	55.503	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	278824	57.718	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	320788	57.965	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	154852	56.189	ug/l	98
56) Ethyl methacrylate	10.51	69	232799	59.599	ug/l	95
57) 1,3-Dichloropropane	10.79	76	278212	57.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	475954	269.526	ug/l	97
59) 2-Hexanone	10.83	43	552848	266.509	ug/l	96
60) Dibromochloromethane	10.99	129	175738	55.671	ug/l	100
61) 1,2-Dibromoethane	11.09	107	147160	55.536	ug/l	98
64) Tetrachloroethene	10.72	164	211014	55.237	ug/l	98
65) Chlorobenzene	11.52	112	517259	55.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	181296	55.808	ug/l	99
67) Ethyl Benzene	11.59	91	958043	55.574	ug/l	99
68) m/p-Xylenes	11.70	106	718668	107.710	ug/l	97
69) o-Xylene	12.03	106	341802	54.507	ug/l	98
70) Styrene	12.04	104	596617	55.562	ug/l	99
71) Bromoform	12.20	173	99949	53.492	ug/l #	98
73) Isopropylbenzene	12.33	105	936720	57.343	ug/l	99
74) N-amyl acetate	12.14	43	260991	55.787	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	179886	55.617	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	130623m	51.904	ug/l	
77) Bromobenzene	12.61	156	203456	54.924	ug/l	95
78) n-propylbenzene	12.67	91	1128420	57.252	ug/l	100
79) 2-Chlorotoluene	12.75	91	620215	56.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	766289	56.325	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	68156	60.722	ug/l	91
82) 4-Chlorotoluene	12.85	91	655377	57.782	ug/l	97
83) tert-Butylbenzene	13.07	119	659496	56.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	769385	56.799	ug/l	99
85) sec-Butylbenzene	13.25	105	954473	57.673	ug/l	99
86) p-Isopropyltoluene	13.37	119	826786	56.053	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	391196	53.916	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	397357	54.805	ug/l	98
89) n-Butylbenzene	13.69	91	827117	56.854	ug/l	99
90) Hexachloroethane	13.96	117	154793	56.766	ug/l	95
91) 1,2-Dichlorobenzene	13.73	146	361878	54.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28092	49.076	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	234875	52.399	ug/l	99
94) Hexachlorobutadiene	15.11	225	118715	51.378	ug/l	99
95) Naphthalene	15.23	128	546795	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212898	52.941	ug/l	98

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

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