

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000447.D
 Acq On : 28 Oct 2019 11:48
 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

MMDadoda
 10/29/2019 2:06:14 PM

Quant Time: Oct 29 10:06:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113348	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.73	113	104094	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.18	98	407402	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.48	95	151340	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	65423	37.939	ug/l	95
3) Chloromethane	2.12	50	148615	57.251	ug/l	97
4) Vinyl Chloride	2.26	62	111763	42.661	ug/l	100
5) Bromomethane	2.65	94	138052	71.103	ug/l	95
6) Chloroethane	2.80	64	75455	44.639	ug/l	97
7) Trichlorofluoromethane	3.13	101	167105	46.631	ug/l	100
8) Diethyl Ether	3.53	74	64956	51.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	107265	49.356	ug/l	97
10) Methyl Iodide	4.09	142	160594	51.835	ug/l	98
11) Tert butyl alcohol	4.96	59	75108	320.284	ug/l	95
12) 1,1-Dichloroethene	3.87	96	98557	45.936	ug/l	96
13) Acrolein	3.73	56	48083	174.891	ug/l	97
14) Allyl chloride	4.48	41	173488	48.794	ug/l	99
15) Acrylonitrile	5.17	53	189244	267.073	ug/l	99
16) Acetone	3.96	43	212332	292.600	ug/l	96
17) Carbon Disulfide	4.19	76	268173	39.699	ug/l	99
18) Methyl Acetate	4.49	43	90915	50.424	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	315214	52.776	ug/l	99
20) Methylene Chloride	4.72	84	117272	47.715	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	118027	47.948	ug/l	97
22) Diisopropyl ether	6.13	45	402370	53.507	ug/l	96
23) Vinyl Acetate	6.07	43	1309865	266.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	209363	51.006	ug/l	98
25) 2-Butanone	6.99	43	290662	284.337	ug/l	98
26) 2,2-Dichloropropane	6.99	77	187610	49.602	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	134612	50.538	ug/l	97
28) Bromochloromethane	7.34	49	91359	51.847	ug/l	97
29) Tetrahydrofuran	7.36	42	165605	267.312	ug/l	98
30) Chloroform	7.52	83	216121	52.283	ug/l	98
31) Cyclohexane	7.79	56	196307	45.790	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	190010	51.703	ug/l #	91
36) 1,1-Dichloropropene	7.93	75	164567	49.518	ug/l	98
37) Ethyl Acetate	7.08	43	108147	54.957	ug/l	97
38) Carbon Tetrachloride	7.91	117	166850	51.852	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	212564	48.869	ug/l	97
40) Benzene	8.17	78	491226	51.147	ug/l	100
41) Methacrylonitrile	7.32	41	51129m	54.585	ug/l	
42) 1,2-Dichloroethane	8.24	62	143157	52.182	ug/l	99
43) Isopropyl Acetate	8.28	43	209228	55.918	ug/l	100
44) Trichloroethene	8.94	130	130531	48.438	ug/l	99
45) 1,2-Dichloropropane	9.22	63	129368	54.889	ug/l	99
46) Dibromomethane	9.31	93	70379	53.417	ug/l	96
47) Bromodichloromethane	9.50	83	167235	53.859	ug/l #	97
48) Methyl methacrylate	9.30	41	89562	54.618	ug/l	99
49) 1,4-Dioxane	9.30	88	20783	1052.037	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	563487	291.984	ug/l	99
52) Toluene	10.25	92	317982	52.148	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	187651	56.390	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	206439	54.627	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	103875	54.224	ug/l	99
56) Ethyl methacrylate	10.51	69	153295	56.141	ug/l	97
57) 1,3-Dichloropropane	10.79	76	180780	54.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	331691	304.550	ug/l	98
59) 2-Hexanone	10.83	43	443437	327.358	ug/l	100
60) Dibromochloromethane	10.99	129	120219	56.619	ug/l	97
61) 1,2-Dibromoethane	11.09	107	100392	54.580	ug/l	99
64) Tetrachloroethene	10.72	164	126931	42.329	ug/l	95
65) Chlorobenzene	11.52	112	340190	51.175	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	119496	51.173	ug/l	97
67) Ethyl Benzene	11.60	91	627908	50.954	ug/l	99
68) m/p-Xylenes	11.70	106	483657	102.667	ug/l	100
69) o-Xylene	12.03	106	231392	51.488	ug/l	99
70) Styrene	12.05	104	400335	52.820	ug/l	99
71) Bromoform	12.21	173	76144	56.723	ug/l #	100
73) Isopropylbenzene	12.33	105	628035	51.060	ug/l	99
74) N-amyl acetate	12.14	43	196690	65.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	136388	59.058	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	102430m	52.806	ug/l	
77) Bromobenzene	12.61	156	141712	51.776	ug/l	96
78) n-propylbenzene	12.67	91	762046	51.601	ug/l	100
79) 2-Chlorotoluene	12.75	91	421061	51.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	531277	51.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47446	53.518	ug/l	99
82) 4-Chlorotoluene	12.86	91	443641	51.460	ug/l	100
83) tert-Butylbenzene	13.08	119	455837	52.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	529289	51.997	ug/l	100
85) sec-Butylbenzene	13.25	105	655574	51.885	ug/l	99
86) p-Isopropyltoluene	13.37	119	582955	52.922	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	279668	51.861	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	280807	52.097	ug/l	99
89) n-Butylbenzene	13.70	91	573631	52.697	ug/l	99
90) Hexachloroethane	13.96	117	112922	55.361	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	260156	53.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22814	52.088	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	178550	52.548	ug/l	99
94) Hexachlorobutadiene	15.11	225	89673	48.767	ug/l	98
95) Naphthalene	15.23	128	411848	54.314	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	159116	51.960	ug/l	98

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

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