

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000128.D
 Acq On : 23 Sep 2019 12:09
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:22 AM

Quant Time: Sep 24 05:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 04:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	117221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	220692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	196742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	87064	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	67910	50.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.80%	
35) Dibromofluoromethane	7.72	113	63979	50.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.98%	
50) Toluene-d8	10.18	98	269002	52.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	91992	49.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	52666	45.290	ug/l	100
3) Chloromethane	2.11	50	83504	38.866	ug/l	100
4) Vinyl Chloride	2.25	62	86822	48.174	ug/l	100
5) Bromomethane	2.63	94	51625	46.245	ug/l	100
6) Chloroethane	2.78	64	52227	46.908	ug/l	100
7) Trichlorofluoromethane	3.12	101	99182	48.181	ug/l	100
8) Diethyl Ether	3.53	74	44666	50.618	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	64800	47.475	ug/l	100
10) Methyl Iodide	4.09	142	95507	54.543	ug/l	100
11) Tert butyl alcohol	4.96	59	34085	245.010	ug/l	100
12) 1,1-Dichloroethene	3.87	96	67287	47.729	ug/l	100
13) Acrolein	3.73	56	9245	163.562	ug/l	100
14) Allyl chloride	4.48	41	98621	49.559	ug/l	100
15) Acrylonitrile	5.17	53	102916	240.597	ug/l	100
16) Acetone	3.95	43	62642	239.143	ug/l	100
17) Carbon Disulfide	4.18	76	239239	49.254	ug/l	100
18) Methyl Acetate	4.48	43	45816	47.745	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	181562	49.563	ug/l	100
20) Methylene Chloride	4.71	84	80776	45.888	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	77846	48.965	ug/l	100
22) Diisopropyl ether	6.12	45	201485	47.489	ug/l	100
23) Vinyl Acetate	6.06	43	679443	240.299	ug/l	100
24) 1,1-Dichloroethane	6.02	63	120155	47.540	ug/l	100
25) 2-Butanone	6.99	43	115332	237.314	ug/l	100
26) 2,2-Dichloropropane	6.98	77	105930	46.248	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	85458	48.296	ug/l	100
28) Bromochloromethane	7.34	49	50734	51.367	ug/l	100
29) Tetrahydrofuran	7.35	42	78088	237.272	ug/l	100
30) Chloroform	7.51	83	121889	47.903	ug/l	100
31) Cyclohexane	7.78	56	118694	45.288	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	101116	48.303	ug/l	100
36) 1,1-Dichloropropene	7.92	75	99398	48.643	ug/l	100
37) Ethyl Acetate	7.08	43	51629	47.842	ug/l	100
38) Carbon Tetrachloride	7.90	117	86103	49.096	ug/l	100

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39) Methylcyclohexane	9.18	83	135549	48.230	ug/l	100
40) Benzene	8.16	78	313796	49.756	ug/l	100
41) Methacrylonitrile	7.32	41	30222m	35.289	ug/l	
42) 1,2-Dichloroethane	8.24	62	79385	49.361	ug/l	100
43) Isopropyl Acetate	8.27	43	103636	48.012	ug/l	100
44) Trichloroethene	8.94	130	77693	49.614	ug/l	100
45) 1,2-Dichloropropane	9.22	63	70570	46.327	ug/l	100
46) Dibromomethane	9.31	93	40349	47.628	ug/l	100
47) Bromodichloromethane	9.49	83	95078	49.017	ug/l	100
48) Methyl methacrylate	9.29	41	44545	48.292	ug/l	100
49) 1,4-Dioxane	9.30	88	14319	1070.641	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	270656	246.070	ug/l	100
52) Toluene	10.24	92	190123	48.785	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	102648	48.530	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	124032	50.578	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	59901	49.375	ug/l	100
56) Ethyl methacrylate	10.51	69	85838	50.231	ug/l	100
57) 1,3-Dichloropropane	10.79	76	101953	48.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	211690	250.916	ug/l	100
59) 2-Hexanone	10.83	43	192002	249.209	ug/l	100
60) Dibromochloromethane	10.98	129	64975	51.245	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56806	49.823	ug/l	100
64) Tetrachloroethene	10.72	164	73265	48.923	ug/l	100
65) Chlorobenzene	11.51	112	193417	48.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	63572	49.537	ug/l	100
67) Ethyl Benzene	11.59	91	354052	48.769	ug/l	100
68) m/p-Xylenes	11.70	106	276695	98.835	ug/l	100
69) o-Xylene	12.02	106	130716	48.843	ug/l	100
70) Styrene	12.04	104	228407	50.512	ug/l	100
71) Bromoform	12.20	173	35964	49.634	ug/l	# 100
73) Isopropylbenzene	12.32	105	336997	48.614	ug/l	100
74) N-amyl acetate	12.14	43	96611	50.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	67600	48.842	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	40552m	23.255	ug/l	
77) Bromobenzene	12.60	156	71890	49.594	ug/l	100
78) n-propylbenzene	12.66	91	415865	48.508	ug/l	100
79) 2-Chlorotoluene	12.75	91	227184	48.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	283108	48.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27921	50.300	ug/l	100
82) 4-Chlorotoluene	12.85	91	240418	49.528	ug/l	100
83) tert-Butylbenzene	13.07	119	234939	49.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	285262	49.273	ug/l	100
85) sec-Butylbenzene	13.25	105	349581	49.211	ug/l	100
86) p-Isopropyltoluene	13.37	119	299359	49.425	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	141169	49.773	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	142330	49.164	ug/l	100
89) n-Butylbenzene	13.69	91	306023	49.257	ug/l	100
90) Hexachloroethane	13.96	117	58487	48.761	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	133447	49.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11510	45.244	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	85713	49.823	ug/l	100
94) Hexachlorobutadiene	15.10	225	37169	48.610	ug/l	100
95) Naphthalene	15.23	128	213626	49.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	76673	49.971	ug/l	100

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

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