

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000007.D
 Acq On : 11 Sep 2019 18:27
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:34 PM

Quant Time: Sep 19 11:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	158489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	289371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	235602	134.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.30%	
35) Dibromofluoromethane	7.72	113	228045	133.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.28%	
50) Toluene-d8	10.18	98	987024	145.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.48%	
62) 4-Bromofluorobenzene	12.48	95	328040	134.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	149833	167.891	ug/l	99
4) Vinyl Chloride	2.25	62	237753	175.883	ug/l	100
5) Bromomethane	2.61	94	135560	183.199	ug/l	95
6) Chloroethane	2.77	64	160785	195.957	ug/l	97
7) Trichlorofluoromethane	3.11	101	300074	276.899	ug/l	96
8) Diethyl Ether	3.53	74	121479	160.262	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	208809	150.396	ug/l	99
10) Methyl Iodide	4.08	142	259230	149.334	ug/l	98
11) Tert butyl alcohol	4.98	59	110772	774.228	ug/l	99
12) 1,1-Dichloroethene	3.86	96	196282	148.942	ug/l	92
13) Acrolein	3.73	56	99719	702.143	ug/l	99
14) Allyl chloride	4.47	41	303040	116.590	ug/l	98
15) Acrylonitrile	5.17	53	378050	842.645	ug/l	98
16) Acetone	3.95	43	276607	592.768	ug/l	95
17) Carbon Disulfide	4.18	76	392397	141.816	ug/l	100
18) Methyl Acetate	4.48	43	162014	141.674	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	563377	201.215	ug/l	96
20) Methylene Chloride	4.71	84	228309	148.712	ug/l	93
21) trans-1,2-Dichloroethene	5.21	96	214301	158.666	ug/l	91
22) Diisopropyl ether	6.12	45	664933	128.313	ug/l	94
23) Vinyl Acetate	6.06	43	2262747	683.094	ug/l	100
24) 1,1-Dichloroethane	6.02	63	399934	141.144	ug/l	99
25) 2-Butanone	6.99	43	446527	699.791	ug/l	98
26) 2,2-Dichloropropane	6.98	77	334467	176.754	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	272371	170.834	ug/l	99
28) Bromochloromethane	7.34	49	192065	145.478	ug/l	99
29) Tetrahydrofuran	7.35	42	279191	712.162	ug/l	99
30) Chloroform	7.51	83	401082	141.089	ug/l	95
31) Cyclohexane	7.78	56	307177	120.659	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	337595	146.555	ug/l	99
36) 1,1-Dichloropropene	7.92	75	289217	118.022	ug/l	99
37) Ethyl Acetate	7.08	43	182190	115.484	ug/l	100
38) Carbon Tetrachloride	7.90	117	280624	116.598	ug/l	93
39) Methylcyclohexane	9.18	83	360069	128.468	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	952039	136.492	ug/l	99
41) Methacrylonitrile	7.33	41	116451m	125.972	ug/l	
42) 1,2-Dichloroethane	8.24	62	242517	103.232	ug/l	98
43) Isopropyl Acetate	8.28	43	353178	118.385	ug/l	98
44) Trichloroethene	8.94	130	239364	132.875	ug/l	99
45) 1,2-Dichloropropane	9.21	63	241348	125.699	ug/l	99
46) Dibromomethane	9.31	93	126997	137.439	ug/l	99
47) Bromodichloromethane	9.49	83	315693	126.701	ug/l #	96
48) Methyl methacrylate	9.29	41	159859	112.354	ug/l	98
49) 1,4-Dioxane	9.30	88	47633	2543.569	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	957131	605.656	ug/l	99
52) Toluene	10.24	92	603258	138.298	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	337166	130.842	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	381330	130.488	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	202096	144.916	ug/l	98
56) Ethyl methacrylate	10.51	69	285925	140.565	ug/l	99
57) 1,3-Dichloropropane	10.79	76	327970	129.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695174	638.620	ug/l	99
59) 2-Hexanone	10.84	43	663023	574.346	ug/l	100
60) Dibromochloromethane	10.98	129	218537	135.440	ug/l	99
61) 1,2-Dibromoethane	11.09	107	181488	141.500	ug/l	97
64) Tetrachloroethene	10.71	164	199324	134.615	ug/l	97
65) Chlorobenzene	11.51	112	637966	137.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	216981	128.336	ug/l	99
67) Ethyl Benzene	11.59	91	1175654	136.529	ug/l	100
68) m/p-Xylenes	11.70	106	889432	281.855	ug/l	98
69) o-Xylene	12.02	106	426940	143.604	ug/l	95
70) Stvrene	12.04	104	768370	146.961	ug/l	99
71) Bromoform	12.20	173	132053	138.483	ug/l #	99
73) Isopropylbenzene	12.32	105	1164849	154.457	ug/l	99
74) N-amyl acetate	12.14	43	321067	136.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	246387	157.453	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	173233m	154.922	ug/l	
77) Bromobenzene	12.60	156	243555	143.427	ug/l	98
78) n-propylbenzene	12.66	91	1413735	155.794	ug/l	99
79) 2-Chlorotoluene	12.75	91	779207	150.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	946035	149.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	98394	182.564	ug/l	99
82) 4-Chlorotoluene	12.85	91	818811	149.460	ug/l	100
83) tert-Butylbenzene	13.07	119	834486	149.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	926399	144.408	ug/l	98
85) sec-Butylbenzene	13.25	105	1197941	153.028	ug/l	100
86) p-Isopropyltoluene	13.37	119	1013629	143.645	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	465456	138.672	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	470584	141.178	ug/l	100
89) n-Butylbenzene	13.69	91	1041155	150.554	ug/l	99
90) Hexachloroethane	13.96	117	199115	157.940	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	434588	143.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	44158	153.074	ug/l	97
93) 1,2,4-Trichlorobenzene	15.00	180	270395	132.245	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.10	225	128533	94.739	ug/l	98
95) Naphthalene	15.23	128	718566	176.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	245440	134.922	ug/l	98

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

