

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000148.D
 Acq On : 26 Sep 2019 12:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:13:10 AM

Quant Time: Sep 26 14:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	203774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	326102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	90787	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	7.72	113	92749	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	10.18	98	387362	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.48	95	130130	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	70354	49.949	ug/l	89
3) Chloromethane	2.11	50	110400	53.304	ug/l	100
4) Vinyl Chloride	2.25	62	121572	47.872	ug/l	96
5) Bromomethane	2.64	94	84125	49.127	ug/l	99
6) Chloroethane	2.79	64	76019	48.220	ug/l	99
7) Trichlorofluoromethane	3.12	101	147369	48.144	ug/l	99
8) Diethyl Ether	3.52	74	57895	47.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95647	47.869	ug/l	99
10) Methyl Iodide	4.09	142	148428	48.179	ug/l	98
11) Tert butyl alcohol	4.97	59	42084	236.043	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	103853	49.563	ug/l	96
13) Acrolein	3.73	56	55751	251.796	ug/l	99
14) Allyl chloride	4.48	41	124383	47.437	ug/l	99
15) Acrylonitrile	5.16	53	132854	239.368	ug/l	100
16) Acetone	3.95	43	106108	234.399	ug/l	98
17) Carbon Disulfide	4.19	76	307483	47.307	ug/l	97
18) Methyl Acetate	4.47	43	57354	44.318	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	235659	47.506	ug/l	97
20) Methylene Chloride	4.71	84	114314	52.235	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	113693	48.699	ug/l	95
22) Diisopropyl ether	6.11	45	265906	48.255	ug/l	98
23) Vinyl Acetate	6.06	43	868862	251.592	ug/l	98
24) 1,1-Dichloroethane	6.02	63	161832	48.513	ug/l	99
25) 2-Butanone	6.99	43	171782	250.735	ug/l	92
26) 2,2-Dichloropropane	6.98	77	149370	49.245	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	124005	47.794	ug/l	98
28) Bromochloromethane	7.33	49	65038	51.175	ug/l	99
29) Tetrahydrofuran	7.35	42	101748	240.909	ug/l	99
30) Chloroform	7.51	83	167115	47.866	ug/l	98
31) Cyclohexane	7.78	56	160490	46.536	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	148908	48.641	ug/l	98
36) 1,1-Dichloropropene	7.91	75	132381	48.849	ug/l	99
37) Ethyl Acetate	7.08	43	69802	48.759	ug/l	99
38) Carbon Tetrachloride	7.89	117	136086	51.439	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	198501	51.643	ug/l	96
40) Benzene	8.16	78	429393	50.160	ug/l	97
41) Methacrylonitrile	7.33	41	39995m	58.000	ug/l	
42) 1,2-Dichloroethane	8.24	62	105644	50.721	ug/l	99
43) Isopropyl Acetate	8.28	43	136600	51.656	ug/l	98
44) Trichloroethene	8.94	130	135152	49.405	ug/l	92
45) 1,2-Dichloropropane	9.22	63	94945	50.277	ug/l	93
46) Dibromomethane	9.30	93	56181	48.748	ug/l	97
47) Bromodichloromethane	9.50	83	129931	50.017	ug/l	95
48) Methyl methacrylate	9.29	41	57808	48.818	ug/l	98
49) 1,4-Dioxane	9.30	88	17790	999.135	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	355692	259.143	ug/l	98
52) Toluene	10.24	92	276761	49.921	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	139198	51.012	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	164993	51.021	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	85588	49.945	ug/l	99
56) Ethyl methacrylate	10.51	69	113531	50.931	ug/l	99
57) 1,3-Dichloropropane	10.79	76	136637	49.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	267810	255.792	ug/l	100
59) 2-Hexanone	10.83	43	263171	269.773	ug/l	98
60) Dibromochloromethane	10.99	129	100134	51.691	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81381	49.766	ug/l	98
64) Tetrachloroethene	10.72	164	142796	50.898	ug/l	98
65) Chlorobenzene	11.52	112	306482	52.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	102600	51.517	ug/l	97
67) Ethyl Benzene	11.59	91	514113	51.030	ug/l	100
68) m/p-Xylenes	11.70	106	422200	103.663	ug/l	100
69) o-Xylene	12.03	106	198681	51.149	ug/l	99
70) Styrene	12.04	104	339152	51.592	ug/l	99
71) Bromoform	12.20	173	64537	55.145	ug/l #	99
73) Isopropylbenzene	12.33	105	513042	50.561	ug/l	100
74) N-amyl acetate	12.14	43	127232	51.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	82003	51.919	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	63907m	45.151	ug/l	
77) Bromobenzene	12.61	156	126065	50.291	ug/l	98
78) n-propylbenzene	12.67	91	607452	50.219	ug/l	100
79) 2-Chlorotoluene	12.75	91	327315	49.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	430404	50.991	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	37509	52.811	ug/l	99
82) 4-Chlorotoluene	12.85	91	348961	50.889	ug/l	97
83) tert-Butylbenzene	13.07	119	376838	51.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	426083	49.950	ug/l	99
85) sec-Butylbenzene	13.25	105	535323	51.296	ug/l	99
86) p-Isopropyltoluene	13.37	119	479267	51.570	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	237854	49.522	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	244533	51.146	ug/l	100
89) n-Butylbenzene	13.69	91	457451	51.795	ug/l	99
90) Hexachloroethane	13.95	117	89217	50.814	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	223941	51.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16123	51.736	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	155171	50.964	ug/l	98
94) Hexachlorobutadiene	15.11	225	79912	53.793	ug/l	97
95) Naphthalene	15.23	128	346062	50.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	139770	51.185	ug/l	99

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

