

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000098.D
 Acq On : 20 Sep 2019 11:20
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:32:24 AM

Quant Time: Sep 21 00:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	99636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	194192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	166584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	74412	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	58835	51.32	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.72	113	57028	48.50	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	231104	50.04	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	80971	47.22	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	1359	Below Cal		96
4) Vinyl Chloride	2.25	62	9007	8.102	ug/l	97
5) Bromomethane	2.62	94	9842	12.168	ug/l #	61
6) Chloroethane	2.78	64	9815	13.171	ug/l	90
7) Trichlorofluoromethane	3.12	101	24716	16.079	ug/l	96
8) Diethyl Ether	3.53	74	12118	18.411	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	19739	18.717	ug/l #	70
10) Methyl Iodide	4.09	142	15921	14.517	ug/l	99
11) Tert butyl alcohol	4.97	59	12714	93.556	ug/l	96
12) 1,1-Dichloroethene	3.87	96	16364	16.833	ug/l #	91
13) Acrolein	3.73	56	7865	94.590	ug/l	98
14) Allyl chloride	4.48	41	28666	19.293	ug/l	99
15) Acrylonitrile	5.18	53	37877	95.970	ug/l	98
16) Acetone	3.95	43	23007	86.200	ug/l #	86
17) Carbon Disulfide	4.18	76	26254	12.592	ug/l #	86
18) Methyl Acetate	4.48	43	16819	18.862	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	64313	21.169	ug/l	98
20) Methylene Chloride	4.71	84	26208	20.874	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	20654	19.112	ug/l #	82
22) Diisopropyl ether	6.12	45	75805	22.581	ug/l	91
23) Vinyl Acetate	6.06	43	235569	104.845	ug/l	96
24) 1,1-Dichloroethane	6.01	63	42286	21.282	ug/l	97
25) 2-Butanone	6.99	43	45043	93.174	ug/l	99
26) 2,2-Dichloropropane	6.98	77	40919	21.822	ug/l	93
27) cis-1,2-Dichloroethene	6.98	96	29542	21.591	ug/l	97
28) Bromochloromethane	7.34	49	19234	20.883	ug/l	95
29) Tetrahydrofuran	7.35	42	28256	97.363	ug/l	98
30) Chloroform	7.51	83	43246	21.090	ug/l	99
31) Cyclohexane	7.79	56	30159	18.550	ug/l	89
32) 1,1,1-Trichloroethane	7.70	97	36843	22.121	ug/l	98
36) 1,1-Dichloropropene	7.92	75	30506	21.009	ug/l	99
37) Ethyl Acetate	7.08	43	19085	19.719	ug/l	96
38) Carbon Tetrachloride	7.90	117	28586	20.859	ug/l	99
39) Methylcyclohexane	9.18	83	36911	20.673	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	99322	20.710	ug/l	95
41) Methacrylonitrile	7.31	41	8206	14.453	ug/l #	65
42) 1,2-Dichloroethane	8.24	62	27232	21.437	ug/l	99
43) Isopropyl Acetate	8.28	43	38846	20.522	ug/l	99
44) Trichloroethene	8.94	130	24704	20.163	ug/l	96
45) 1,2-Dichloropropane	9.21	63	27383	22.041	ug/l	89
46) Dibromomethane	9.31	93	14632	21.563	ug/l	98
47) Bromodichloromethane	9.50	83	36232	22.004	ug/l	100
48) Methyl methacrylate	9.29	41	16847	20.237	ug/l	100
49) 1,4-Dioxane	9.30	88	4655	353.320	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	103663	100.303	ug/l	98
52) Toluene	10.24	92	68253	22.400	ug/l	93
53) t-1,3-Dichloropropene	10.46	75	39484	22.615	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	44115	21.880	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	23481	22.071	ug/l	95
56) Ethyl methacrylate	10.51	69	31750	20.973	ug/l	99
57) 1,3-Dichloropropane	10.79	76	38621	21.611	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	77878	95.165	ug/l	99
59) 2-Hexanone	10.84	43	70617	95.777	ug/l	99
60) Dibromochloromethane	10.98	129	25145	22.561	ug/l	92
61) 1,2-Dibromoethane	11.09	107	20789	21.394	ug/l	99
64) Tetrachloroethene	10.71	164	22823	21.829	ug/l	92
65) Chlorobenzene	11.51	112	71969	21.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25182	22.603	ug/l	96
67) Ethyl Benzene	11.59	91	128184	21.798	ug/l	98
68) m/p-Xylenes	11.70	106	100164	44.765	ug/l	100
69) o-Xylene	12.02	106	49013	22.622	ug/l	97
70) Stvrene	12.04	104	84214	22.141	ug/l	99
71) Bromoform	12.21	173	13292	20.608	ug/l #	93
73) Isopropylbenzene	12.33	105	126512	21.096	ug/l	99
74) N-amyl acetate	12.14	43	34821	20.382	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	29390	20.820	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	17317m	16.540	ug/l	
77) Bromobenzene	12.60	156	27098	21.640	ug/l	97
78) n-propylbenzene	12.67	91	157363	21.512	ug/l	99
79) 2-Chlorotoluene	12.76	91	87897	21.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	109198	21.982	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	10359	19.029	ug/l	93
82) 4-Chlorotoluene	12.85	91	89991	21.281	ug/l	99
83) tert-Butylbenzene	13.07	119	90511	21.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	106535	21.753	ug/l	97
85) sec-Butylbenzene	13.25	105	135527	21.584	ug/l	100
86) p-Isopropyltoluene	13.37	119	117281	22.035	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	53553	21.559	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	54259	21.738	ug/l	99
89) n-Butylbenzene	13.69	91	116730	21.319	ug/l	98
90) Hexachloroethane	13.96	117	23386	22.359	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	51900	22.239	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4740	18.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.01	180	32686	23.211	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	15551	23.000	ug/l	97
95) Naphthalene	15.23	128	79491	19.884	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	29493	21.945	ug/l	99

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

