

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000072.D
 Acq On : 19 Sep 2019 13:16
 Operator : SY/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:30:34 AM

Quant Time: Sep 20 02:19:15 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	106981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	203945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	175881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	77097	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	61390	49.88	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.72	113	58845	47.65	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	244855	50.49	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	85843	47.67	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	2041	Below Cal		98
3) Chloromethane	2.11	50	9670	3.199	ug/l	98
4) Vinyl Chloride	2.25	62	11961	10.020	ug/l	91
5) Bromomethane	2.62	94	12262	14.426	ug/l	85
6) Chloroethane	2.78	64	12428	15.532	ug/l	100
7) Trichlorofluoromethane	3.12	101	26686	16.168	ug/l	94
8) Diethyl Ether	3.53	74	13215	18.700	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.89	101	20825	18.391	ug/l	96
10) Methyl Iodide	4.09	142	18042	15.322	ug/l	98
11) Tert butyl alcohol	4.98	59	15381	105.410	ug/l #	85
12) 1,1-Dichloroethene	3.86	96	18034	17.277	ug/l	95
13) Acrolein	3.74	56	9566	112.760	ug/l	99
14) Allyl chloride	4.48	41	29906	18.745	ug/l	97
15) Acrylonitrile	5.17	53	42449	100.170	ug/l	99
16) Acetone	3.95	43	26898	93.860	ug/l	90
17) Carbon Disulfide	4.18	76	30048	13.686	ug/l #	94
18) Methyl Acetate	4.48	43	18101	18.906	ug/l	92
19) Methyl tert-butyl Ether	5.23	73	62903	19.283	ug/l	95
20) Methylene Chloride	4.71	84	30756	22.814	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	20778	17.907	ug/l	97
22) Diisopropyl ether	6.12	45	71914	19.951	ug/l	94
23) Vinyl Acetate	6.06	43	242801	100.645	ug/l	96
24) 1,1-Dichloroethane	6.01	63	40974	19.206	ug/l	94
25) 2-Butanone	6.99	43	50684	97.645	ug/l	98
26) 2,2-Dichloropropane	6.98	77	38432	19.088	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	29541	20.108	ug/l	99
28) Bromochloromethane	7.34	49	18891	19.103	ug/l	94
29) Tetrahydrofuran	7.35	42	31750	101.891	ug/l	97
30) Chloroform	7.51	83	44889	20.389	ug/l	97
31) Cyclohexane	7.78	56	31058	17.589	ug/l	99
32) 1,1,1-Trichloroethane	7.70	97	35052	19.601	ug/l	97
36) 1,1-Dichloropropene	7.92	75	29363	19.255	ug/l	97
37) Ethyl Acetate	7.07	43	20805	20.468	ug/l	97
38) Carbon Tetrachloride	7.89	117	29788	20.697	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	36711	19.578	ug/l	96
40) Benzene	8.16	78	98209	19.499	ug/l	100
41) Methacrylonitrile	7.32	41	12723m	19.421	ug/l	
42) 1,2-Dichloroethane	8.24	62	27993	20.982	ug/l	100
43) Isopropyl Acetate	8.27	43	41027	20.638	ug/l	98
44) Trichloroethene	8.94	130	25218	19.599	ug/l	91
45) 1,2-Dichloropropane	9.21	63	26602	20.389	ug/l	95
46) Dibromomethane	9.31	93	14760	20.711	ug/l	99
47) Bromodichloromethane	9.50	83	35800	20.701	ug/l	97
48) Methyl methacrylate	9.29	41	17933	20.512	ug/l	98
49) 1,4-Dioxane	9.29	88	5528	399.517	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	110952	102.222	ug/l	99
52) Toluene	10.24	92	64519	20.162	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	36916	20.133	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	41472	19.586	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	23577	21.102	ug/l	96
56) Ethyl methacrylate	10.51	69	33057	20.792	ug/l	98
57) 1,3-Dichloropropane	10.79	76	37499	19.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	86317	100.433	ug/l	99
59) 2-Hexanone	10.84	43	83355	107.647	ug/l	95
60) Dibromochloromethane	10.99	129	25145	21.482	ug/l	94
61) 1,2-Dibromoethane	11.09	107	20678	20.262	ug/l	98
64) Tetrachloroethene	10.71	164	23887	21.639	ug/l	95
65) Chlorobenzene	11.52	112	72161	20.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	23806	20.238	ug/l	95
67) Ethyl Benzene	11.59	91	127153	20.480	ug/l	98
68) m/p-Xylenes	11.70	106	96246	40.740	ug/l	98
69) o-Xylene	12.03	106	48114	21.033	ug/l	95
70) Styrene	12.04	104	82922	20.649	ug/l	99
71) Bromoform	12.21	173	13617	19.996	ug/l #	95
73) Isopropylbenzene	12.33	105	127338	20.495	ug/l	99
74) N-amyl acetate	12.15	43	36614	20.685	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	29924	20.460	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	19043m	17.555	ug/l	
77) Bromobenzene	12.61	156	26675	20.560	ug/l	100
78) n-propylbenzene	12.67	91	151962	20.050	ug/l	99
79) 2-Chlorotoluene	12.76	91	84449	19.931	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	104618	20.327	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	11776	20.879	ug/l	94
82) 4-Chlorotoluene	12.85	91	89825	20.502	ug/l	96
83) tert-Butylbenzene	13.07	119	87056	19.770	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	101999	20.102	ug/l	97
85) sec-Butylbenzene	13.25	105	132441	20.358	ug/l	97
86) p-Isopropyltoluene	13.37	119	112886	20.471	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	53958	20.966	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	54392	21.032	ug/l	99
89) n-Butylbenzene	13.69	91	115310	20.326	ug/l	99
90) Hexachloroethane	13.96	117	22826	21.064	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	48356	19.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5262	20.207	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.00	180	31686	21.717	ug/l	99
94) Hexachlorobutadiene	15.11	225	15526	22.164	ug/l	97
95) Naphthalene	15.23	128	84850	20.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29059	20.869	ug/l	94

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

