

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006062.D
 Acq On : 17 Sep 2021 11:46
 Operator : SY/MD
 Sample : VY0917SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0917SBS01

Manual Integrations
 APPROVED

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 9/20/2021 6:52:13 PM

Quant Time: Sep 20 01:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	127526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84492	47.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.400%
35) Dibromofluoromethane	7.722	113	59576	49.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.179	98	257533	49.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.483	95	87607	50.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28674	21.285	ug/l	99
3) Chloromethane	2.119	50	33721	20.129	ug/l	96
4) Vinyl Chloride	2.259	62	40163	21.234	ug/l	100
5) Bromomethane	2.650	94	27896	22.733	ug/l	96
6) Chloroethane	2.796	64	24097	21.244	ug/l	96
7) Trichlorofluoromethane	3.131	101	52832	21.427	ug/l	95
8) Diethyl Ether	3.534	74	16466	20.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	26189	21.274	ug/l	99
10) Methyl Iodide	4.100	142	22991	17.642	ug/l	96
11) Tert butyl alcohol	4.942	59	27375	68.248	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	26583	20.877	ug/l	97
13) Acrolein	3.735	56	8021	75.357	ug/l	100
14) Allyl chloride	4.485	41	53334	19.622	ug/l	98
15) Acrylonitrile	5.167	53	42401	91.834	ug/l	100
16) Acetone	3.954	43	43651	89.843	ug/l	97
17) Carbon Disulfide	4.198	76	90392	21.256	ug/l	98
18) Methyl Acetate	4.485	43	21268	17.377	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	78915	19.224	ug/l	95
20) Methylene Chloride	4.722	84	37860	22.411	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	30521	21.376	ug/l	93
22) Diisopropyl ether	6.131	45	106108	20.090	ug/l	92
23) Vinyl Acetate	6.064	43	313221	93.985	ug/l	100
24) 1,1-Dichloroethane	6.021	63	55428	20.483	ug/l	98
25) 2-Butanone	6.990	43	57715	86.186	ug/l	91
26) 2,2-Dichloropropane	6.984	77	53560	20.894	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	32844	20.619	ug/l	98
28) Bromochloromethane	7.332	49	21849	18.380	ug/l #	99
29) Tetrahydrofuran	7.350	42	35965	85.453	ug/l	97
30) Chloroform	7.508	83	56748	20.916	ug/l	98
31) Cyclohexane	7.789	56	57089	20.118	ug/l #	96
32) 1,1,1-Trichloroethane	7.704	97	54498	21.393	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44246	21.032	ug/l	99
37) Ethyl Acetate	7.076	43	26150	17.993	ug/l	98
38) Carbon Tetrachloride	7.905	117	49549	21.634	ug/l	95
39) Methylcyclohexane	9.185	83	55085	21.126	ug/l	98
40) Benzene	8.167	78	125671	20.831	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13359	15.738	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	43225	20.261	ug/l	100
43) Isopropyl Acetate	8.277	43	49481	18.278	ug/l	98
44) Trichloroethene	8.941	130	31463	20.928	ug/l	96
45) 1,2-Dichloropropane	9.215	63	29984	20.091	ug/l	99
46) Dibromomethane	9.307	93	16221	20.081	ug/l	99
47) Bromodichloromethane	9.502	83	42828	20.598	ug/l	99
48) Methyl methacrylate	9.295	41	22452	17.949	ug/l	94
49) 1,4-Dioxane	9.295	88	4046	362.936	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	126183	87.435	ug/l	99
52) Toluene	10.246	92	79283	21.326	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	46005	20.143	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	50520	20.509	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	22700	20.450	ug/l	96
56) Ethyl methacrylate	10.514	69	32961	18.575	ug/l	98
57) 1,3-Dichloropropane	10.788	76	40568	19.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	88900	95.698	ug/l	98
59) 2-Hexanone	10.837	43	88144	88.471	ug/l	99
60) Dibromochloromethane	10.990	129	28085	20.522	ug/l	99
61) 1,2-Dibromoethane	11.093	107	20642	19.688	ug/l	98
64) Tetrachloroethene	10.721	164	33112	22.410	ug/l	96
65) Chlorobenzene	11.520	112	80924	20.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	29898	20.752	ug/l	99
67) Ethyl Benzene	11.593	91	152660	20.777	ug/l	98
68) m/p-Xylenes	11.703	106	117613	42.214	ug/l	98
69) o-Xylene	12.032	106	55028	20.912	ug/l	99
70) Styrene	12.044	104	93775	20.802	ug/l	99
71) Bromoform	12.209	173	18091	20.054	ug/l #	98
73) Isopropylbenzene	12.331	105	147433	20.135	ug/l	99
74) N-amyl acetate	12.142	43	43680	17.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	24978	18.335	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17349m	17.402	ug/l	
77) Bromobenzene	12.611	156	33960	19.877	ug/l	96
78) n-propylbenzene	12.672	91	182164	20.108	ug/l	100
79) 2-Chlorotoluene	12.757	91	101599	20.626	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	126069	20.760	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	9665	17.824	ug/l	99
82) 4-Chlorotoluene	12.855	91	105934	20.806	ug/l	100
83) tert-Butylbenzene	13.074	119	106907	20.583	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	123493	20.498	ug/l	99
85) sec-Butylbenzene	13.251	105	162081	20.846	ug/l	99
86) p-Isopropyltoluene	13.373	119	137145	20.661	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	69230	21.010	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68199	20.635	ug/l	99
89) n-Butylbenzene	13.696	91	129475	20.859	ug/l	100
90) Hexachloroethane	13.965	117	24981	20.913	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	60634	20.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4859	17.978	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	38821	20.667	ug/l	100
94) Hexachlorobutadiene	15.111	225	25653	21.108	ug/l	98
95) Naphthalene	15.239	128	68996	18.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32354	19.876	ug/l	97

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

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