

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006233.D
 Acq On : 30 Sep 2021 12:32
 Operator : SY/MD
 Sample : VY0930SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0930SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:09 AM

Quant Time: Sep 30 16:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	227626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81440	47.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.728	113	62815	47.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.185	98	259806	46.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.483	95	89281	47.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	31708	19.576	ug/l	100
3) Chloromethane	2.119	50	37800	20.036	ug/l	99
4) Vinyl Chloride	2.259	62	43265	20.692	ug/l	96
5) Bromomethane	2.656	94	31458	23.150	ug/l	94
6) Chloroethane	2.802	64	26439	21.490	ug/l	98
7) Trichlorofluoromethane	3.137	101	56357	20.463	ug/l	96
8) Diethyl Ether	3.533	74	18902	20.779	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	28010	19.051	ug/l	95
10) Methyl Iodide	4.100	142	28705	17.915	ug/l	94
11) Tert butyl alcohol	4.984	59	12449	83.268	ug/l	97
12) 1,1-Dichloroethene	3.881	96	29561	19.765	ug/l	87
13) Acrolein	3.747	56	5736	68.611	ug/l	97
14) Allyl chloride	4.491	41	56264	19.562	ug/l	97
15) Acrylonitrile	5.180	53	44862	93.764	ug/l	99
16) Acetone	3.960	43	38790	81.259	ug/l	97
17) Carbon Disulfide	4.204	76	99467	19.885	ug/l	99
18) Methyl Acetate	4.491	43	31127	19.338	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	86516	19.808	ug/l	96
20) Methylene Chloride	4.728	84	33735	18.113	ug/l	86
21) trans-1,2-Dichloroethene	5.234	96	33048	19.931	ug/l	98
22) Diisopropyl ether	6.131	45	111570	19.608	ug/l	95
23) Vinyl Acetate	6.070	43	316502	92.798	ug/l	97
24) 1,1-Dichloroethane	6.027	63	60595	19.836	ug/l	100
25) 2-Butanone	6.996	43	57004	85.726	ug/l	95
26) 2,2-Dichloropropane	6.990	77	54164	19.389	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	36953	19.899	ug/l	95
28) Bromochloromethane	7.344	49	24767	19.472	ug/l	89
29) Tetrahydrofuran	7.356	42	37151	88.451	ug/l	94
30) Chloroform	7.514	83	61638	20.227	ug/l	97
31) Cyclohexane	7.795	56	59623	18.413	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	56711	20.155	ug/l	98
36) 1,1-Dichloropropene	7.923	75	46860	19.027	ug/l	98
37) Ethyl Acetate	7.082	43	26811	18.687	ug/l	98
38) Carbon Tetrachloride	7.911	117	51790	19.915	ug/l	98
39) Methylcyclohexane	9.185	83	57769	18.674	ug/l	95
40) Benzene	8.167	78	137795	19.721	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	17846m	19.176	ug/l	
42) 1,2-Dichloroethane	8.246	62	45782	20.336	ug/l	97
43) Isopropyl Acetate	8.277	43	49415	17.958	ug/l #	93
44) Trichloroethene	8.947	130	37085	20.550	ug/l	96
45) 1,2-Dichloropropane	9.221	63	32849	19.097	ug/l	99
46) Dibromomethane	9.313	93	17976	19.626	ug/l	97
47) Bromodichloromethane	9.502	83	47145	19.991	ug/l	96
48) Methyl methacrylate	9.301	41	23119	17.513	ug/l	93
49) 1,4-Dioxane	9.307	88	3696	309.286	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	128645	90.037	ug/l	97
52) Toluene	10.246	92	85686	19.771	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	50178	19.514	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	55072	19.482	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	24765	19.216	ug/l	98
56) Ethyl methacrylate	10.514	69	36856	18.814	ug/l	92
57) 1,3-Dichloropropane	10.794	76	44225	18.964	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	90024	93.792	ug/l	97
59) 2-Hexanone	10.837	43	89552	88.000	ug/l	97
60) Dibromochloromethane	10.989	129	31565	20.159	ug/l	99
61) 1,2-Dibromoethane	11.093	107	23472	19.235	ug/l	99
64) Tetrachloroethene	10.721	164	39854	21.740	ug/l	95
65) Chlorobenzene	11.520	112	90837	20.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	33353	20.067	ug/l	99
67) Ethyl Benzene	11.593	91	164571	19.358	ug/l	100
68) m/p-Xylenes	11.703	106	127430	39.500	ug/l	99
69) o-Xylene	12.032	106	60944	20.002	ug/l	97
70) Styrene	12.044	104	103390	19.982	ug/l	99
71) Bromoform	12.209	173	20991	20.308	ug/l #	96
73) Isopropylbenzene	12.331	105	160705	19.419	ug/l	97
74) N-amyl acetate	12.148	43	45412	17.679	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	26243	17.558	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	19674m	17.520	ug/l	
77) Bromobenzene	12.611	156	38627	19.907	ug/l	94
78) n-propylbenzene	12.672	91	197361	19.374	ug/l	99
79) 2-Chlorotoluene	12.757	91	109015	19.339	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	135927	19.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	10550	18.463	ug/l	95
82) 4-Chlorotoluene	12.855	91	113366	19.445	ug/l	99
83) tert-Butylbenzene	13.074	119	118546	20.038	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	133254	19.501	ug/l	98
85) sec-Butylbenzene	13.257	105	173735	19.432	ug/l	100
86) p-Isopropyltoluene	13.373	119	148132	19.634	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	76846	19.990	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	76065	20.067	ug/l	100
89) n-Butylbenzene	13.696	91	133886	18.676	ug/l	99
90) Hexachloroethane	13.965	117	26442	19.299	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	68559	20.395	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5162	18.128	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	45206	20.351	ug/l	99
94) Hexachlorobutadiene	15.111	225	28193	19.455	ug/l	99
95) Naphthalene	15.239	128	83491	18.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	38911	19.764	ug/l	98

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

