

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006156.D
 Acq On : 27 Sep 2021 12:29
 Operator : SY/MD
 Sample : VY0927SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0927SBS01

Manual Integrations
 APPROVED

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 9/28/2021 7:07:18 PM

Quant Time: Sep 27 18:10:48 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	126685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79517	45.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.380%
35) Dibromofluoromethane	7.728	113	58452	49.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.185	98	247629	49.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.483	95	83112	48.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	27905	20.851	ug/l	99
3) Chloromethane	2.125	50	35923	21.586	ug/l	99
4) Vinyl Chloride	2.265	62	39527	21.036	ug/l	100
5) Bromomethane	2.656	94	29084	23.858	ug/l	98
6) Chloroethane	2.802	64	24670	21.893	ug/l	96
7) Trichlorofluoromethane	3.137	101	55444	22.635	ug/l	96
8) Diethyl Ether	3.540	74	18478	22.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	28399	23.222	ug/l	97
10) Methyl Iodide	4.107	142	23432	18.100	ug/l	97
11) Tert butyl alcohol	4.972	59	14351	13.699	ug/l #	77
12) 1,1-Dichloroethene	3.887	96	28761	22.738	ug/l	90
13) Acrolein	3.741	56	7376	69.758	ug/l	94
14) Allyl chloride	4.497	41	47388	17.550	ug/l	98
15) Acrylonitrile	5.180	53	42599	92.876	ug/l	98
16) Acetone	3.960	43	44254	91.688	ug/l	98
17) Carbon Disulfide	4.204	76	80812	19.130	ug/l	99
18) Methyl Acetate	4.491	43	21493	17.678	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	77436	18.989	ug/l	95
20) Methylene Chloride	4.728	84	32030	18.325	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	27626	19.477	ug/l	98
22) Diisopropyl ether	6.131	45	94194	17.953	ug/l	98
23) Vinyl Acetate	6.070	43	287224	86.757	ug/l	97
24) 1,1-Dichloroethane	6.033	63	51028	18.982	ug/l	97
25) 2-Butanone	6.996	43	55561	83.521	ug/l	96
26) 2,2-Dichloropropane	6.990	77	49400	19.399	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32134	20.307	ug/l	93
28) Bromochloromethane	7.344	49	19910	16.860	ug/l #	89
29) Tetrahydrofuran	7.356	42	35650	85.267	ug/l	92
30) Chloroform	7.515	83	54324	20.155	ug/l	98
31) Cyclohexane	7.789	56	50249	17.825	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	51152	20.213	ug/l	98
36) 1,1-Dichloropropene	7.929	75	40571	19.720	ug/l	97
37) Ethyl Acetate	7.082	43	24127	16.976	ug/l	95
38) Carbon Tetrachloride	7.905	117	45950	20.516	ug/l	99
39) Methylcyclohexane	9.185	83	49182	19.287	ug/l	96
40) Benzene	8.167	78	118161	20.028	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14101m	16.987	ug/l	
42) 1,2-Dichloroethane	8.240	62	41110	19.704	ug/l	98
43) Isopropyl Acetate	8.277	43	46255	17.472	ug/l	95
44) Trichloroethene	8.947	130	31126	21.171	ug/l	94
45) 1,2-Dichloropropane	9.222	63	27910	19.123	ug/l	95
46) Dibromomethane	9.307	93	16194	20.499	ug/l	95
47) Bromodichloromethane	9.502	83	41447	20.384	ug/l	99
48) Methyl methacrylate	9.295	41	20873	17.063	ug/l	94
49) 1,4-Dioxane	9.301	88	4179	383.325	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	121928	86.393	ug/l	97
52) Toluene	10.246	92	75776	20.843	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	44730	20.026	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	48061	19.951	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23142	21.318	ug/l	95
56) Ethyl methacrylate	10.514	69	33764	19.456	ug/l	92
57) 1,3-Dichloropropane	10.794	76	40090	20.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	83604	92.027	ug/l	96
59) 2-Hexanone	10.837	43	87032	89.326	ug/l	96
60) Dibromochloromethane	10.990	129	28626	21.389	ug/l	100
61) 1,2-Dibromoethane	11.093	107	21567	21.034	ug/l	99
64) Tetrachloroethene	10.721	164	30137	20.523	ug/l	96
65) Chlorobenzene	11.520	112	80589	20.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30250	21.127	ug/l	99
67) Ethyl Benzene	11.593	91	145196	19.884	ug/l	97
68) m/p-Xylenes	11.703	106	112746	40.718	ug/l	96
69) o-Xylene	12.032	106	54185	20.719	ug/l	95
70) Styrene	12.044	104	92379	20.620	ug/l	98
71) Bromoform	12.209	173	19085	21.287	ug/l #	100
73) Isopropylbenzene	12.331	105	141534	19.050	ug/l	99
74) N-amyl acetate	12.148	43	42247	16.467	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	24580	17.782	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	22494m	22.237	ug/l	
77) Bromobenzene	12.611	156	34501	19.902	ug/l	92
78) n-propylbenzene	12.672	91	173534	18.878	ug/l	99
79) 2-Chlorotoluene	12.757	91	96621	19.332	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	120066	19.486	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9476	17.223	ug/l	98
82) 4-Chlorotoluene	12.855	91	100457	19.446	ug/l	99
83) tert-Butylbenzene	13.075	119	107410	20.382	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	119590	19.563	ug/l	99
85) sec-Butylbenzene	13.257	105	154523	19.587	ug/l	98
86) p-Isopropyltoluene	13.373	119	131755	19.563	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68881	20.603	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	67898	20.247	ug/l	100
89) n-Butylbenzene	13.696	91	119223	18.930	ug/l	99
90) Hexachloroethane	13.965	117	23767	19.609	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	61057	20.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4961	18.090	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	39723	20.842	ug/l	98
94) Hexachlorobutadiene	15.117	225	26402	21.411	ug/l	99
95) Naphthalene	15.239	128	75647	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	35132	21.271	ug/l	99

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

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