

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006131.D
 Acq On : 24 Sep 2021 12:08
 Operator : SY/MD
 Sample : VY0924SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:58:03 AM

Quant Time: Sep 25 05:43:04 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	160710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95740	42.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.780%
35) Dibromofluoromethane	7.722	113	73093	47.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.080%
50) Toluene-d8	10.185	98	310658	47.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.483	95	106569	47.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	35353	20.824	ug/l	100
3) Chloromethane	2.119	50	42772	20.260	ug/l	97
4) Vinyl Chloride	2.260	62	49271	20.670	ug/l	98
5) Bromomethane	2.650	94	29745	19.235	ug/l	100
6) Chloroethane	2.802	64	27194	19.024	ug/l	96
7) Trichlorofluoromethane	3.131	101	60625	19.510	ug/l	94
8) Diethyl Ether	3.534	74	18835	18.439	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	31762	20.474	ug/l	97
10) Methyl Iodide	4.101	142	31260	19.034	ug/l	94
11) Tert butyl alcohol	4.948	59	40792	90.111	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	32101	20.005	ug/l	98
13) Acrolein	3.735	56	8454	63.025	ug/l	98
14) Allyl chloride	4.491	41	63554	18.554	ug/l	96
15) Acrylonitrile	5.168	53	50729	87.185	ug/l	99
16) Acetone	3.954	43	52975	86.520	ug/l	98
17) Carbon Disulfide	4.204	76	104360	19.474	ug/l	100
18) Methyl Acetate	4.479	43	25997	16.855	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	92159	17.815	ug/l	98
20) Methylene Chloride	4.729	84	45100	20.903	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	35099	19.507	ug/l	95
22) Diisopropyl ether	6.131	45	122836	18.455	ug/l	93
23) Vinyl Acetate	6.064	43	370028	88.105	ug/l	99
24) 1,1-Dichloroethane	6.027	63	65436	19.189	ug/l	99
25) 2-Butanone	6.990	43	70283	83.283	ug/l	97
26) 2,2-Dichloropropane	6.990	77	63167	19.553	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	39779	19.816	ug/l	97
28) Bromochloromethane	7.344	49	26461	17.664	ug/l	96
29) Tetrahydrofuran	7.356	42	44121	83.185	ug/l	97
30) Chloroform	7.509	83	64845	18.965	ug/l	96
31) Cyclohexane	7.789	56	67010	18.738	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	61569	19.178	ug/l	99
36) 1,1-Dichloropropene	7.923	75	52099	19.501	ug/l	98
37) Ethyl Acetate	7.076	43	31083	16.842	ug/l	97
38) Carbon Tetrachloride	7.905	117	55040	18.925	ug/l	97
39) Methylcyclohexane	9.185	83	64737	19.551	ug/l	99
40) Benzene	8.167	78	144674	18.884	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	16721m	15.513	ug/l	
42) 1,2-Dichloroethane	8.240	62	48275	17.819	ug/l	97
43) Isopropyl Acetate	8.277	43	57812	16.817	ug/l	96
44) Trichloroethene	8.941	130	37625	19.708	ug/l	87
45) 1,2-Dichloropropane	9.222	63	35693	18.834	ug/l	100
46) Dibromomethane	9.307	93	18486	18.021	ug/l	95
47) Bromodichloromethane	9.502	83	49653	18.805	ug/l	96
48) Methyl methacrylate	9.295	41	27351	17.219	ug/l	96
49) 1,4-Dioxane	9.301	88	5170	365.203	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	149397	81.521	ug/l	97
52) Toluene	10.246	92	91017	19.280	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	53617	18.487	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	59101	18.894	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	26509	18.806	ug/l	97
56) Ethyl methacrylate	10.514	69	39535	17.544	ug/l	93
57) 1,3-Dichloropropane	10.795	76	48149	18.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	109943	93.198	ug/l	98
59) 2-Hexanone	10.837	43	107967	85.337	ug/l	97
60) Dibromochloromethane	10.990	129	32435	18.663	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25401	19.078	ug/l	99
64) Tetrachloroethene	10.721	164	38579	21.124	ug/l	98
65) Chlorobenzene	11.520	112	94004	19.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	35429	19.895	ug/l	98
67) Ethyl Benzene	11.593	91	177529	19.548	ug/l	99
68) m/p-Xylenes	11.703	106	136288	39.577	ug/l	97
69) o-Xylene	12.032	106	63400	19.493	ug/l	98
70) Styrene	12.044	104	108378	19.451	ug/l	98
71) Bromoform	12.209	173	21225	19.036	ug/l #	100
73) Isopropylbenzene	12.331	105	173779	19.255	ug/l	99
74) N-amyl acetate	12.148	43	51928	16.662	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	29472	17.552	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21831m	17.766	ug/l	
77) Bromobenzene	12.611	156	39263	18.645	ug/l	97
78) n-propylbenzene	12.672	91	213616	19.130	ug/l	100
79) 2-Chlorotoluene	12.758	91	117742	19.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	145924	19.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11817	17.680	ug/l	96
82) 4-Chlorotoluene	12.855	91	121228	19.318	ug/l	100
83) tert-Butylbenzene	13.075	119	126081	19.695	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	142011	19.124	ug/l	99
85) sec-Butylbenzene	13.258	105	189958	19.822	ug/l	100
86) p-Isopropyltoluene	13.373	119	159138	19.451	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	79319	19.530	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	78600	19.295	ug/l	99
89) n-Butylbenzene	13.697	91	151425	19.792	ug/l	100
90) Hexachloroethane	13.965	117	29035	19.721	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	70277	19.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5611	16.843	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	44997	19.435	ug/l	98
94) Hexachlorobutadiene	15.111	225	30726	20.512	ug/l	99
95) Naphthalene	15.239	128	86360	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39521	19.699	ug/l	99

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

