

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005096.D
 Acq On : 11 Jun 2021 00:33
 Operator : SY/MD
 Sample : VY0610SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:06:41 PM

Quant Time: Jun 11 05:11:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	306814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109239	54.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.728	113	95244	53.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.185	98	385456	52.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.483	95	129796	51.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40553	23.471	ug/l	95
3) Chloromethane	2.119	50	50862	21.559	ug/l	100
4) Vinyl Chloride	2.253	62	49012	21.594	ug/l	98
5) Bromomethane	2.650	94	27112	21.076	ug/l	95
6) Chloroethane	2.796	64	28271	20.824	ug/l	94
7) Trichlorofluoromethane	3.131	101	72674	22.638	ug/l	99
8) Diethyl Ether	3.534	74	29523	23.686	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	42205	21.555	ug/l	98
10) Methyl Iodide	4.094	142	46709	24.989	ug/l	98
11) Tert butyl alcohol	4.984	59	23601	102.024	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	42396	21.681	ug/l	94
13) Acrolein	3.735	56	22754	89.720	ug/l	97
14) Allyl chloride	4.485	41	69269	19.429	ug/l	96
15) Acrylonitrile	5.173	53	65348	111.491	ug/l	99
16) Acetone	3.960	43	52779	108.998	ug/l	94
17) Carbon Disulfide	4.204	76	127519	21.206	ug/l	98
18) Methyl Acetate	4.491	43	33857	21.819	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	112339	22.318	ug/l	95
20) Methylene Chloride	4.728	84	63520	24.198	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	47857	21.803	ug/l	89
22) Diisopropyl ether	6.131	45	137273	20.974	ug/l	95
23) Vinyl Acetate	6.076	43	489782	102.856	ug/l	97
24) 1,1-Dichloroethane	6.027	63	85120	21.609	ug/l	98
25) 2-Butanone	6.996	43	85233	104.679	ug/l	96
26) 2,2-Dichloropropane	6.990	77	64055	19.240	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	53954	22.431	ug/l	94
28) Bromochloromethane	7.344	49	36469	20.725	ug/l	91
29) Tetrahydrofuran	7.362	42	52767	101.898	ug/l	94
30) Chloroform	7.515	83	86097	23.050	ug/l	100
31) Cyclohexane	7.795	56	66965	18.909	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	74662	22.787	ug/l	98
36) 1,1-Dichloropropene	7.923	75	62577	19.475	ug/l	98
37) Ethyl Acetate	7.088	43	41809	19.781	ug/l	97
38) Carbon Tetrachloride	7.905	117	60275	21.554	ug/l	98
39) Methylcyclohexane	9.191	83	67479	19.012	ug/l	96
40) Benzene	8.167	78	195486	21.263	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23871	20.544	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	57974	21.842	ug/l	98
43) Isopropyl Acetate	8.283	43	72920	19.217	ug/l #	94
44) Trichloroethene	8.947	130	52821	21.952	ug/l	98
45) 1,2-Dichloropropane	9.222	63	48151	20.011	ug/l	95
46) Dibromomethane	9.313	93	27741	21.587	ug/l	97
47) Bromodichloromethane	9.502	83	65931	21.853	ug/l	95
48) Methyl methacrylate	9.301	41	34136	19.772	ug/l	97
49) 1,4-Dioxane	9.313	88	6034	388.912	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	194667	97.860	ug/l	96
52) Toluene	10.246	92	119593	21.497	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	68601	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	78403	20.665	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	40253	22.536	ug/l	98
56) Ethyl methacrylate	10.514	69	54369	21.261	ug/l	93
57) 1,3-Dichloropropane	10.794	76	68035	21.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	135275	104.679	ug/l	95
59) 2-Hexanone	10.837	43	132720	98.708	ug/l	96
60) Dibromochloromethane	10.990	129	47100	23.183	ug/l	99
61) 1,2-Dibromoethane	11.093	107	38569	22.514	ug/l	100
64) Tetrachloroethene	10.721	164	54200	21.126	ug/l	96
65) Chlorobenzene	11.520	112	128583	21.152	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	46741	21.568	ug/l	98
67) Ethyl Benzene	11.593	91	227305	20.233	ug/l	100
68) m/p-Xylenes	11.709	106	172376	40.952	ug/l	99
69) o-Xylene	12.032	106	81264	20.732	ug/l	99
70) Styrene	12.044	104	140180	21.465	ug/l	97
71) Bromoform	12.209	173	29071	22.751	ug/l #	97
73) Isopropylbenzene	12.331	105	217887	19.632	ug/l	99
74) N-amyl acetate	12.148	43	65041	18.163	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	45230	20.301	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	33059m	20.526	ug/l	
77) Bromobenzene	12.611	156	52501	21.171	ug/l	94
78) n-propylbenzene	12.672	91	260579	19.478	ug/l	99
79) 2-Chlorotoluene	12.757	91	149140	19.997	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	186958	20.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16435	18.753	ug/l	97
82) 4-Chlorotoluene	12.855	91	152985	20.074	ug/l	98
83) tert-Butylbenzene	13.075	119	157773	20.370	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	185321	20.366	ug/l	100
85) sec-Butylbenzene	13.257	105	222428	19.726	ug/l	99
86) p-Isopropyltoluene	13.373	119	194949	20.155	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	97287	20.608	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	97179	20.640	ug/l	98
89) n-Butylbenzene	13.696	91	179573	19.302	ug/l	99
90) Hexachloroethane	13.965	117	29549	20.582	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	88407	21.196	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8247	22.356	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	55572	21.215	ug/l	100
94) Hexachlorobutadiene	15.111	225	29025	21.002	ug/l	98
95) Naphthalene	15.239	128	125938	21.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50750	22.008	ug/l	99

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

