

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005529.D
 Acq On : 04 Aug 2021 11:37
 Operator : SY/MD
 Sample : VY0804SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:40:14 PM

Quant Time: Aug 05 06:37:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	256578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132092	50.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.728	113	105503	51.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.185	98	437665	50.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.483	95	147867	51.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	46996	22.301	ug/l	100
3) Chloromethane	2.119	50	47576	18.900	ug/l	96
4) Vinyl Chloride	2.259	62	56274	18.664	ug/l	100
5) Bromomethane	2.650	94	42203	21.265	ug/l	99
6) Chloroethane	2.796	64	35236	19.360	ug/l	99
7) Trichlorofluoromethane	3.131	101	82250	20.374	ug/l	97
8) Diethyl Ether	3.540	74	27019	19.163	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	44366	20.261	ug/l	99
10) Methyl Iodide	4.101	142	49890	18.288	ug/l	99
11) Tert butyl alcohol	4.972	59	26008	101.296	ug/l	100
12) 1,1-Dichloroethene	3.881	96	43715	19.770	ug/l	97
13) Acrolein	3.741	56	15783	101.885	ug/l	98
14) Allyl chloride	4.485	41	76292	19.699	ug/l	99
15) Acrylonitrile	5.180	53	71962	99.587	ug/l	99
16) Acetone	3.960	43	62600	95.599	ug/l	95
17) Carbon Disulfide	4.204	76	136354	20.004	ug/l	98
18) Methyl Acetate	4.485	43	33140	19.351	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	134712	19.666	ug/l	100
20) Methylene Chloride	4.728	84	70278	23.913	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	49123	19.871	ug/l	93
22) Diisopropyl ether	6.125	45	157735	19.742	ug/l	96
23) Vinyl Acetate	6.070	43	528985	99.486	ug/l	100
24) 1,1-Dichloroethane	6.033	63	87868	19.845	ug/l	99
25) 2-Butanone	6.996	43	96194	99.379	ug/l	96
26) 2,2-Dichloropropane	6.984	77	82343	20.354	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	54837	19.503	ug/l	97
28) Bromochloromethane	7.344	49	39469	22.333	ug/l	100
29) Tetrahydrofuran	7.356	42	62719	97.965	ug/l	99
30) Chloroform	7.515	83	89416	19.785	ug/l	97
31) Cyclohexane	7.789	56	85920	19.287	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	84432	20.323	ug/l	99
36) 1,1-Dichloropropene	7.923	75	70452	20.404	ug/l	99
37) Ethyl Acetate	7.082	43	42149	20.150	ug/l	99
38) Carbon Tetrachloride	7.905	117	79023	21.058	ug/l	98
39) Methylcyclohexane	9.185	83	88693	20.190	ug/l	97
40) Benzene	8.167	78	196673	19.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23758m	20.933	ug/l	
42) 1,2-Dichloroethane	8.246	62	66348	20.687	ug/l	97
43) Isopropyl Acetate	8.283	43	79509	20.077	ug/l	100
44) Trichloroethene	8.941	130	54506	20.198	ug/l	100
45) 1,2-Dichloropropane	9.222	63	49204	19.891	ug/l	99
46) Dibromomethane	9.307	93	27692	20.246	ug/l	99
47) Bromodichloromethane	9.502	83	70022	20.456	ug/l	100
48) Methyl methacrylate	9.301	41	36946	20.643	ug/l	97
49) 1,4-Dioxane	9.307	88	7677	403.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	213039	102.149	ug/l	99
52) Toluene	10.246	92	126567	20.075	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	78509	20.522	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	83807	20.186	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	40234	20.331	ug/l	97
56) Ethyl methacrylate	10.514	69	59737	20.159	ug/l	99
57) 1,3-Dichloropropane	10.794	76	70395	20.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	130098	91.882	ug/l	100
59) 2-Hexanone	10.837	43	150428	102.050	ug/l	99
60) Dibromochloromethane	10.990	129	50725	20.712	ug/l	99
61) 1,2-Dibromoethane	11.093	107	37842	20.186	ug/l	99
64) Tetrachloroethene	10.721	164	52171	20.332	ug/l	97
65) Chlorobenzene	11.520	112	136163	20.073	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	52353	20.505	ug/l	97
67) Ethyl Benzene	11.593	91	247308	20.105	ug/l	99
68) m/p-Xylenes	11.709	106	193283	40.456	ug/l	99
69) o-Xylene	12.032	106	90734	19.759	ug/l	98
70) Styrene	12.050	104	159018	20.573	ug/l	99
71) Bromoform	12.209	173	34440	20.801	ug/l #	100
73) Isopropylbenzene	12.331	105	243050	19.287	ug/l	99
74) N-amyl acetate	12.148	43	73713	19.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	46719	19.275	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	36657m	19.594	ug/l	
77) Bromobenzene	12.611	156	60568	19.563	ug/l	99
78) n-propylbenzene	12.672	91	294052	19.647	ug/l	100
79) 2-Chlorotoluene	12.757	91	164342	19.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	207330	19.824	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17994	19.389	ug/l	99
82) 4-Chlorotoluene	12.855	91	169979	19.547	ug/l	99
83) tert-Butylbenzene	13.081	119	184357	19.645	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	203487	19.719	ug/l	100
85) sec-Butylbenzene	13.257	105	265545	19.618	ug/l	99
86) p-Isopropyltoluene	13.373	119	226976	19.531	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	119519	19.784	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	118386	19.754	ug/l	98
89) n-Butylbenzene	13.702	91	207796	19.737	ug/l	100
90) Hexachloroethane	13.965	117	40559	19.412	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	106583	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9283	20.203	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	74876	20.427	ug/l	100
94) Hexachlorobutadiene	15.117	225	48892	20.600	ug/l	99
95) Naphthalene	15.239	128	144615	20.014	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	64698	19.923	ug/l	99

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

