

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005832.D
 Acq On : 25 Aug 2021 12:07
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 5:50:27 PM

Quant Time: Aug 26 03:36:42 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	7.795	168	202333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102279	49.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.880%		
35) Dibromofluoromethane	7.722	113	84045	50.996	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.000%		
50) Toluene-d8	10.185	98	342212	49.510	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.483	95	118141	51.615	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40119	24.142	ug/l	98
3) Chloromethane	2.119	50	46383	23.366	ug/l	100
4) Vinyl Chloride	2.259	62	59349	24.961	ug/l	98
5) Bromomethane	2.650	94	42051	26.869	ug/l	99
6) Chloroethane	2.796	64	37748	26.301	ug/l	100
7) Trichlorofluoromethane	3.131	101	72069	22.638	ug/l	95
8) Diethyl Ether	3.540	74	23247	20.908	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	39250	22.730	ug/l	98
10) Methyl Iodide	4.101	142	42476	19.744	ug/l	99
11) Tert butyl alcohol	4.972	59	20286	100.192	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	38376	22.008	ug/l	92
13) Acrolein	3.741	56	7839	64.171	ug/l	97
14) Allyl chloride	4.491	41	66501	21.774	ug/l	99
15) Acrylonitrile	5.174	53	59453	104.334	ug/l	98
16) Acetone	3.954	43	56800	109.997	ug/l	98
17) Carbon Disulfide	4.204	76	110541	20.565	ug/l	100
18) Methyl Acetate	4.491	43	27532	20.386	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	115743	21.427	ug/l	100
20) Methylene Chloride	4.729	84	54658	23.489	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	42636	21.870	ug/l	98
22) Diisopropyl ether	6.131	45	141882	22.519	ug/l	96
23) Vinyl Acetate	6.070	43	445716	106.299	ug/l	99
24) 1,1-Dichloroethane	6.027	63	80055	22.927	ug/l	100
25) 2-Butanone	6.996	43	79182	103.735	ug/l	97
26) 2,2-Dichloropropane	6.984	77	75317	23.609	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	48932	22.069	ug/l	97
28) Bromochloromethane	7.344	49	36403	26.121	ug/l	100
29) Tetrahydrofuran	7.356	42	49724	98.489	ug/l	99
30) Chloroform	7.515	83	81870	22.972	ug/l	94
31) Cyclohexane	7.795	56	74494	21.205	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	75514	23.050	ug/l	100
36) 1,1-Dichloropropene	7.923	75	61386	22.234	ug/l	99
37) Ethyl Acetate	7.082	43	34606	20.690	ug/l	98
38) Carbon Tetrachloride	7.905	117	69551	23.178	ug/l	99
39) Methylcyclohexane	9.191	83	76033	21.646	ug/l	99
40) Benzene	8.167	78	177913	22.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	19891m	21.918	ug/l	
42) 1,2-Dichloroethane	8.240	62	56965	22.212	ug/l	99
43) Isopropyl Acetate	8.277	43	65279	20.614	ug/l	99
44) Trichloroethene	8.947	130	49097	22.753	ug/l	99
45) 1,2-Dichloropropane	9.222	63	44634	22.565	ug/l	99
46) Dibromomethane	9.307	93	24155	22.086	ug/l	98
47) Bromodichloromethane	9.502	83	61944	22.630	ug/l	96
48) Methyl methacrylate	9.295	41	29868	20.870	ug/l	96
49) 1,4-Dioxane	9.301	88	6340	417.108	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	173107	103.802	ug/l	99
52) Toluene	10.246	92	113022	22.419	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	65907	21.545	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	73987	22.287	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	34726	21.944	ug/l	96
56) Ethyl methacrylate	10.514	69	50577	21.345	ug/l	99
57) 1,3-Dichloropropane	10.795	76	61605	22.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	124360	109.839	ug/l	100
59) 2-Hexanone	10.837	43	123784	105.017	ug/l	99
60) Dibromochloromethane	10.990	129	43608	22.267	ug/l	99
61) 1,2-Dibromoethane	11.093	107	31851	21.248	ug/l	98
64) Tetrachloroethene	10.721	164	51262	24.895	ug/l	98
65) Chlorobenzene	11.520	112	123721	22.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	46008	22.455	ug/l	100
67) Ethyl Benzene	11.593	91	220754	22.363	ug/l	100
68) m/p-Xylenes	11.703	106	171729	44.791	ug/l	99
69) o-Xylene	12.032	106	82611	22.418	ug/l	98
70) Styrene	12.044	104	138102	22.264	ug/l	98
71) Bromoform	12.209	173	28627	21.545	ug/l #	98
73) Isopropylbenzene	12.331	105	221220	21.900	ug/l	100
74) N-amyl acetate	12.142	43	59291	19.499	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	39908	20.541	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	27179m	18.124	ug/l	
77) Bromobenzene	12.611	156	53275	21.467	ug/l	100
78) n-propylbenzene	12.672	91	264626	22.057	ug/l	100
79) 2-Chlorotoluene	12.758	91	147653	21.917	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	187634	22.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15118	20.322	ug/l	97
82) 4-Chlorotoluene	12.855	91	151225	21.695	ug/l	98
83) tert-Butylbenzene	13.075	119	164340	21.847	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	182044	22.008	ug/l	99
85) sec-Butylbenzene	13.251	105	242569	22.357	ug/l	99
86) p-Isopropyltoluene	13.367	119	207446	22.270	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	107791	22.259	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	106686	22.208	ug/l	99
89) n-Butylbenzene	13.696	91	190313	22.551	ug/l	99
90) Hexachloroethane	13.959	117	37446	22.359	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	95566	22.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7294	19.804	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64601	21.986	ug/l	100
94) Hexachlorobutadiene	15.111	225	43275	22.746	ug/l	99
95) Naphthalene	15.239	128	114545	19.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	55568	21.347	ug/l	99

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

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