

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008113.D
 Acq On : 30 Mar 2022 16:27
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 31 06:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 06:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	7955	5.323	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.640%#		
35) Dibromofluoromethane	7.716	113	7844	4.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.740%#		
50) Toluene-d8	10.179	98	29553	4.870	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	12.483	95	10746	5.019	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5281	3.933	ug/l	94
3) Chloromethane	2.113	50	6945	4.248	ug/l	100
4) Vinyl Chloride	2.253	62	8950	4.114	ug/l	97
5) Bromomethane	2.656	94	8915	5.000	ug/l	92
6) Chloroethane	2.796	64	6156	4.302	ug/l	95
7) Trichlorofluoromethane	3.131	101	12171	4.423	ug/l	95
8) Diethyl Ether	3.533	74	4368	4.901	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	7527	4.409	ug/l	92
10) Methyl Iodide	4.094	142	6327	3.588	ug/l	92
11) Tert butyl alcohol	4.954	59	3899	25.147	ug/l	99
12) 1,1-Dichloroethene	3.875	96	6992	4.424	ug/l #	75
13) Acrolein	3.735	56	2685	21.276	ug/l	93
14) Allyl chloride	4.484	41	9366	4.505	ug/l #	90
15) Acrylonitrile	5.167	53	10134	23.873	ug/l	98
16) Acetone	3.948	43	7951	23.278	ug/l	91
17) Carbon Disulfide	4.198	76	18392	4.107	ug/l	97
18) Methyl Acetate	4.478	43	8017	6.977	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	21653	4.821	ug/l	95
20) Methylene Chloride	4.710	84	10519	5.246	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	8503	4.647	ug/l #	71
22) Diisopropyl ether	6.118	45	21182	4.735	ug/l #	90
23) Vinyl Acetate	6.063	43	54184	19.548	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	13868	4.683	ug/l	97
25) 2-Butanone	6.990	43	12543	24.130	ug/l #	65
26) 2,2-Dichloropropane	6.978	77	12532	4.468	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	10037	4.732	ug/l	80
28) Bromochloromethane	7.338	49	5409	5.632	ug/l #	68
29) Tetrahydrofuran	7.350	42	8419	24.913	ug/l #	72
30) Chloroform	7.508	83	15206	4.742	ug/l	96
31) Cyclohexane	7.783	56	14143	5.063	ug/l #	68
32) 1,1,1-Trichloroethane	7.709	97	13521	4.563	ug/l	95
36) 1,1-Dichloropropene	7.917	75	10649	4.209	ug/l	91
37) Ethyl Acetate	7.075	43	5664	4.792	ug/l #	93
38) Carbon Tetrachloride	7.905	117	11565	4.194	ug/l	93
39) Methylcyclohexane	9.185	83	14170	4.149	ug/l	88
40) Benzene	8.161	78	33040	4.565	ug/l	97

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41) Methacrylonitrile	7.319	41	3065m	5.164	ug/l	
42) 1,2-Dichloroethane	8.234	62	9358	4.609	ug/l	88
43) Isopropyl Acetate	8.276	43	10486	4.519	ug/l #	82
44) Trichloroethene	8.941	130	9265	4.427	ug/l	91
45) 1,2-Dichloropropane	9.221	63	7906	4.635	ug/l	100
46) Dibromomethane	9.313	93	5096	4.544	ug/l	95
47) Bromodichloromethane	9.496	83	11435	4.459	ug/l	98
48) Methyl methacrylate	9.295	41	4500	4.379	ug/l #	72
49) 1,4-Dioxane	9.295	88	1349	90.475	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	26566	22.700	ug/l #	83
52) Toluene	10.246	92	21260	4.479	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	11392	4.333	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12837	4.313	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	7297	4.712	ug/l	87
56) Ethyl methacrylate	10.508	69	8931	4.421	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	11730	4.628	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	22170	26.487	ug/l #	89
59) 2-Hexanone	10.831	43	18310	22.358	ug/l	81
60) Dibromochloromethane	10.983	129	7964	4.228	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7058	4.576	ug/l	100
64) Tetrachloroethene	10.721	164	7983	4.537	ug/l	94
65) Chlorobenzene	11.520	112	23254	4.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8178	4.292	ug/l	96
67) Ethyl Benzene	11.593	91	40778	4.504	ug/l	100
68) m/p-Xylenes	11.703	106	32202	8.945	ug/l	93
69) o-Xylene	12.032	106	15825	4.591	ug/l	89
70) Styrene	12.044	104	24154	4.281	ug/l	96
71) Bromoform	12.209	173	4592	3.992	ug/l #	97
73) Isopropylbenzene	12.331	105	39510	4.535	ug/l	99
74) N-amyl acetate	12.142	43	8600	4.490	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	8237	4.864	ug/l	95
76) 1,2,3-Trichloropropane	12.635	75	6583m	5.116	ug/l	
77) Bromobenzene	12.611	156	9066	4.536	ug/l	95
78) n-propylbenzene	12.672	91	47912	4.662	ug/l	100
79) 2-Chlorotoluene	12.757	91	27373	4.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32482	4.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2454	4.255	ug/l #	83
82) 4-Chlorotoluene	12.855	91	27697	4.735	ug/l	100
83) tert-Butylbenzene	13.074	119	28257	4.444	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	32114	4.620	ug/l	97
85) sec-Butylbenzene	13.251	105	42706	4.550	ug/l	99
86) p-Isopropyltoluene	13.373	119	34240	4.383	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	17983	4.538	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	18376	4.650	ug/l	95
89) n-Butylbenzene	13.696	91	32790	4.562	ug/l	99
90) Hexachloroethane	13.964	117	6652	4.395	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	16300	4.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1228	4.543	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	9770	4.675	ug/l	97
94) Hexachlorobutadiene	15.111	225	4544	4.110	ug/l	94
95) Naphthalene	15.239	128	22573	4.887	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8805	4.870	ug/l	96

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

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