

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011061.D
 Acq On : 24 Oct 2022 12:12
 Operator : KP/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 25 05:28:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	259561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105356	44.065	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.120%		
35) Dibromofluoromethane	7.716	113	113278	48.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.320%		
50) Toluene-d8	10.179	98	393068	45.133	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.260%		
62) 4-Bromofluorobenzene	12.477	95	147869	47.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	36646	21.285	ug/l	98
3) Chloromethane	2.107	50	50413	20.410	ug/l	96
4) Vinyl Chloride	2.247	62	58837	21.016	ug/l	99
5) Bromomethane	2.637	94	40712	21.025	ug/l	98
6) Chloroethane	2.784	64	40616	21.710	ug/l	95
7) Trichlorofluoromethane	3.119	101	92816	22.650	ug/l	93
8) Diethyl Ether	3.521	74	34266	22.408	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	60246	23.439	ug/l	93
10) Methyl Iodide	4.082	142	66459	21.130	ug/l	90
11) Tert butyl alcohol	4.954	59	36176	123.416	ug/l	99
12) 1,1-Dichloroethene	3.863	96	54513	22.140	ug/l	85
13) Acrolein	3.723	56	33254	86.274	ug/l	99
14) Allyl chloride	4.472	41	86547	22.165	ug/l #	85
15) Acrylonitrile	5.155	53	90987	114.149	ug/l	97
16) Acetone	3.942	43	80766	116.324	ug/l #	82
17) Carbon Disulfide	4.186	76	145438	20.148	ug/l	99
18) Methyl Acetate	4.472	43	50251	24.277	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	156184	22.703	ug/l	99
20) Methylene Chloride	4.710	84	81808	23.716	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	62090	22.337	ug/l	88
22) Diisopropyl ether	6.112	45	195548	23.384	ug/l #	91
23) Vinyl Acetate	6.058	43	555132	111.011	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	116021	22.979	ug/l	100
25) 2-Butanone	6.978	43	119472	113.464	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	101035	22.534	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	73537	22.954	ug/l	88
28) Bromochloromethane	7.332	49	20980	14.421	ug/l	88
29) Tetrahydrofuran	7.344	42	72984	112.660	ug/l #	86
30) Chloroform	7.502	83	118246	23.233	ug/l	100
31) Cyclohexane	7.783	56	98586	21.547	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	103502	23.135	ug/l	96
36) 1,1-Dichloropropene	7.917	75	88650	22.831	ug/l	98
37) Ethyl Acetate	7.070	43	49991	23.254	ug/l #	92
38) Carbon Tetrachloride	7.899	117	92315	23.032	ug/l	100
39) Methylcyclohexane	9.179	83	103559	22.268	ug/l	92
40) Benzene	8.155	78	259457	22.774	ug/l	96

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41) Methacrylonitrile	7.319	41	32135m	27.585	ug/l	
42) 1,2-Dichloroethane	8.234	62	72134	22.851	ug/l	90
43) Isopropyl Acetate	8.271	43	88909	23.148	ug/l #	90
44) Trichloroethene	8.935	130	70684	22.895	ug/l	96
45) 1,2-Dichloropropane	9.209	63	66949	23.161	ug/l	97
46) Dibromomethane	9.301	93	37385	23.188	ug/l	97
47) Bromodichloromethane	9.490	83	90779	23.365	ug/l	99
48) Methyl methacrylate	9.289	41	38955	22.662	ug/l #	79
49) 1,4-Dioxane	9.295	88	10521	454.191	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	245476	114.599	ug/l #	87
52) Toluene	10.240	92	165073	23.323	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	92858	23.006	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	106640	23.088	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	54927	23.616	ug/l	98
56) Ethyl methacrylate	10.508	69	70190	22.722	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	93260	23.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	114313	86.679	ug/l	97
59) 2-Hexanone	10.831	43	171766	116.737	ug/l	85
60) Dibromochloromethane	10.983	129	65747	23.773	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51326	23.044	ug/l	100
64) Tetrachloroethene	10.715	164	68267	23.490	ug/l	95
65) Chlorobenzene	11.514	112	179076	23.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	66143	23.315	ug/l	97
67) Ethyl Benzene	11.587	91	316392	23.333	ug/l	100
68) m/p-Xylenes	11.697	106	245542	47.073	ug/l	94
69) o-Xylene	12.026	106	116209	23.462	ug/l	94
70) Styrene	12.038	104	197117	23.487	ug/l	96
71) Bromoform	12.203	173	41452	23.675	ug/l #	98
73) Isopropylbenzene	12.325	105	315587	23.313	ug/l	100
74) N-amyl acetate	12.142	43	75360	21.941	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	65350	23.003	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	55527m	26.249	ug/l	
77) Bromobenzene	12.605	156	72164	22.806	ug/l	98
78) n-propylbenzene	12.666	91	383186	23.266	ug/l	100
79) 2-Chlorotoluene	12.751	91	215662	23.251	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	266344	23.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	22369	22.743	ug/l #	84
82) 4-Chlorotoluene	12.849	91	220553	22.837	ug/l	99
83) tert-Butylbenzene	13.068	119	229889	23.537	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	263731	23.679	ug/l	98
85) sec-Butylbenzene	13.251	105	346472	23.607	ug/l	100
86) p-Isopropyltoluene	13.367	119	284287	23.349	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	147290	23.324	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	145962	23.246	ug/l	98
89) n-Butylbenzene	13.690	91	267569	23.517	ug/l	99
90) Hexachloroethane	13.959	117	56222	23.398	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	131272	23.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10879	23.160	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	78898	23.365	ug/l	99
94) Hexachlorobutadiene	15.105	225	48482	24.392	ug/l	99
95) Naphthalene	15.233	128	156702	22.787	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	69386	23.553	ug/l	99

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

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