

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018459.D
 Acq On : 04 Jun 2024 13:13
 Operator : SY/MD
 Sample : VY0604SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS02

Quant Time: Jun 05 01:23:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	42690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	62201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64015	76.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.720%			
35) Dibromofluoromethane	7.703	113	65090	73.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 147.580%#			
50) Toluene-d8	10.173	98	249799	71.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 142.380%#			
62) 4-Bromofluorobenzene	12.477	95	78129	71.511	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 143.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17647	26.028	ug/l	95
3) Chloromethane	2.101	50	36964	29.235	ug/l	93
4) Vinyl Chloride	2.241	62	43027	28.450	ug/l	98
5) Bromomethane	2.625	94	29920	29.653	ug/l	99
6) Chloroethane	2.778	64	28761	30.120	ug/l	89
7) Trichlorofluoromethane	3.101	101	42683	27.277	ug/l	93
8) Diethyl Ether	3.515	74	12920	27.441	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	23008	25.251	ug/l	93
10) Methyl Iodide	4.070	142	22507	25.148	ug/l	96
11) Tert butyl alcohol	4.930	59	16500	147.939	ug/l #	97
12) 1,1-Dichloroethene	3.851	96	22840	25.503	ug/l #	80
13) Acrolein	3.710	56	7768	90.522	ug/l	91
14) Allyl chloride	4.460	41	34174	26.055	ug/l	93
15) Acrylonitrile	5.143	53	30689	142.530	ug/l	97
16) Acetone	3.930	43	25346	136.214	ug/l #	82
17) Carbon Disulfide	4.180	76	70649	26.892	ug/l	99
18) Methyl Acetate	4.454	43	13569	29.161	ug/l	91
19) Methyl tert-butyl Ether	5.198	73	61432	28.462	ug/l	99
20) Methylene Chloride	4.698	84	32253	29.300	ug/l #	91
21) trans-1,2-Dichloroethene	5.204	96	25968	27.171	ug/l	93
22) Diisopropyl ether	6.106	45	77442	28.992	ug/l	98
23) Vinyl Acetate	6.045	43	250236	143.948	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	45795	27.487	ug/l	98
25) 2-Butanone	6.972	43	41664	146.160	ug/l	89
26) 2,2-Dichloropropane	6.960	77	36992	25.262	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	30638	27.559	ug/l	92
28) Bromochloromethane	7.319	49	20158	26.292	ug/l #	80
29) Tetrahydrofuran	7.338	42	26873	145.160	ug/l	88
30) Chloroform	7.490	83	45283	27.099	ug/l	94
31) Cyclohexane	7.771	56	41980	26.856	ug/l	94
32) 1,1,1-Trichloroethane	7.685	97	38917	26.591	ug/l	94
36) 1,1-Dichloropropene	7.905	75	34966	25.999	ug/l	95
37) Ethyl Acetate	7.063	43	18788	27.964	ug/l #	94
38) Carbon Tetrachloride	7.892	117	32409	24.047	ug/l	95
39) Methylcyclohexane	9.179	83	44929	24.712	ug/l #	89
40) Benzene	8.149	78	106690	26.476	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13011	39.813	ug/l #	73
42) 1,2-Dichloroethane	8.228	62	26519	27.069	ug/l	99
43) Isopropyl Acetate	8.258	43	35451	28.219	ug/l	91
44) Trichloroethene	8.929	130	24924	24.959	ug/l	96
45) 1,2-Dichloropropane	9.209	63	25379	27.539	ug/l	99
46) Dibromomethane	9.295	93	14224	26.920	ug/l	89
47) Bromodichloromethane	9.490	83	32969	25.994	ug/l	92
48) Methyl methacrylate	9.289	41	15521	26.853	ug/l	90
49) 1,4-Dioxane	9.289	88	3702	533.539	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	92357	141.579	ug/l	92
52) Toluene	10.240	92	65405	26.389	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	31158	26.751	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	38322	26.722	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	18320	26.650	ug/l #	89
56) Ethyl methacrylate	10.508	69	27390	28.315	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	32191	27.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	62663	120.630	ug/l	96
59) 2-Hexanone	10.825	43	64625	143.359	ug/l	93
60) Dibromochloromethane	10.977	129	21593	25.711	ug/l	96
61) 1,2-Dibromoethane	11.081	107	17703	27.348	ug/l	98
64) Tetrachloroethene	10.715	164	22800	24.885	ug/l	89
65) Chlorobenzene	11.514	112	67317	25.236	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	21396	24.807	ug/l	99
67) Ethyl Benzene	11.587	91	124235	25.588	ug/l	98
68) m/p-Xylenes	11.697	106	93320	51.045	ug/l	95
69) o-Xylene	12.026	106	43124	24.504	ug/l	92
70) Styrene	12.038	104	75131	26.129	ug/l	97
71) Bromoform	12.203	173	10564	23.249	ug/l #	98
73) Isopropylbenzene	12.325	105	116575	25.231	ug/l	99
74) N-amyl acetate	12.142	43	31844	28.315	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	22159	27.244	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	16980m	30.583	ug/l	
77) Bromobenzene	12.605	156	23412	23.865	ug/l	85
78) n-propylbenzene	12.666	91	144245	26.012	ug/l	98
79) 2-Chlorotoluene	12.751	91	77054	25.559	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	92019	25.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	6753	25.554	ug/l	91
82) 4-Chlorotoluene	12.849	91	80248	26.452	ug/l	98
83) tert-Butylbenzene	13.068	119	81946	24.626	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	90971	25.822	ug/l	97
85) sec-Butylbenzene	13.251	105	124515	25.408	ug/l	100
86) p-Isopropyltoluene	13.367	119	100610	25.437	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	48714	25.174	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	47652	25.066	ug/l	97
89) n-Butylbenzene	13.690	91	100230	26.668	ug/l	98
90) Hexachloroethane	13.958	117	17427	23.507	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	42081	24.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3324	26.857	ug/l	74
93) 1,2,4-Trichlorobenzene	15.001	180	22741	24.971	ug/l	98
94) Hexachlorobutadiene	15.111	225	10675	22.070	ug/l	93
95) Naphthalene	15.233	128	47272	25.845	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	18881	24.504	ug/l	98

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

