

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018107.D
 Acq On : 02 May 2024 10:43
 Operator : SY/MD
 Sample : VY0502SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBS01

Quant Time: May 02 22:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	316307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	516449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	113015	45.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.660%		
35) Dibromofluoromethane	7.710	113	137203	46.229	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.460%		
50) Toluene-d8	10.179	98	530097	45.752	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.483	95	173618	43.542	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51925	20.565	ug/l	98
3) Chloromethane	2.107	50	66213	20.070	ug/l	93
4) Vinyl Chloride	2.247	62	73896	20.703	ug/l	99
5) Bromomethane	2.650	94	37438	16.993	ug/l	98
6) Chloroethane	2.784	64	44961	20.226	ug/l	99
7) Trichlorofluoromethane	3.119	101	93224	19.618	ug/l	95
8) Diethyl Ether	3.522	74	30019	19.675	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	58995	19.894	ug/l	97
10) Methyl Iodide	4.088	142	76693	19.512	ug/l	97
11) Tert butyl alcohol	4.972	59	19460	95.766	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	58294	19.277	ug/l	94
13) Acrolein	3.723	56	25514	84.358	ug/l	97
14) Allyl chloride	4.473	41	73213	18.312	ug/l	99
15) Acrylonitrile	5.161	53	53573	93.477	ug/l	98
16) Acetone	3.948	43	38864	81.823	ug/l	92
17) Carbon Disulfide	4.186	76	171114	18.950	ug/l	97
18) Methyl Acetate	4.473	43	21045	17.300	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	131636	18.970	ug/l	96
20) Methylene Chloride	4.704	84	71542	21.495	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	63119	19.635	ug/l	96
22) Diisopropyl ether	6.112	45	155660	18.903	ug/l	95
23) Vinyl Acetate	6.052	43	484574	92.782	ug/l	98
24) 1,1-Dichloroethane	6.003	63	96105	19.328	ug/l	98
25) 2-Butanone	6.984	43	65485	88.621	ug/l	96
26) 2,2-Dichloropropane	6.972	77	91948	19.773	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	74764	19.502	ug/l	96
28) Bromochloromethane	7.326	49	38326	19.073	ug/l	91
29) Tetrahydrofuran	7.344	42	41289	87.894	ug/l	97
30) Chloroform	7.503	83	102003	19.386	ug/l	97
31) Cyclohexane	7.777	56	91534	19.160	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	94030	19.579	ug/l	98
36) 1,1-Dichloropropene	7.911	75	74918	18.910	ug/l	97
37) Ethyl Acetate	7.070	43	29438	17.075	ug/l #	94
38) Carbon Tetrachloride	7.899	117	84038	18.689	ug/l	98
39) Methylcyclohexane	9.179	83	111924	19.235	ug/l	98
40) Benzene	8.155	78	243806	19.152	ug/l	97

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41) Methacrylonitrile	7.301	41	17148	16.866	ug/l	93
42) 1,2-Dichloroethane	8.234	62	53860	18.262	ug/l	96
43) Isopropyl Acetate	8.271	43	63666	17.578	ug/l	97
44) Trichloroethene	8.941	130	68470	18.966	ug/l	91
45) 1,2-Dichloropropane	9.216	63	52848	19.027	ug/l	99
46) Dibromomethane	9.301	93	30958	18.333	ug/l	92
47) Bromodichloromethane	9.490	83	76646	18.488	ug/l	95
48) Methyl methacrylate	9.289	41	28241	17.033	ug/l	94
49) 1,4-Dioxane	9.307	88	6613	352.971	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	153695	86.882	ug/l	97
52) Toluene	10.246	92	158207	18.778	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	71805	17.926	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	89161	18.947	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	42325	18.635	ug/l	94
56) Ethyl methacrylate	10.508	69	55603	17.315	ug/l #	91
57) 1,3-Dichloropropane	10.789	76	68712	18.936	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	137428	91.677	ug/l	92
59) 2-Hexanone	10.831	43	106480	84.335	ug/l	95
60) Dibromochloromethane	10.984	129	55565	18.012	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41483	19.060	ug/l	96
64) Tetrachloroethene	10.721	164	59329	18.606	ug/l	97
65) Chlorobenzene	11.514	112	176285	18.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	57890	18.509	ug/l	99
67) Ethyl Benzene	11.593	91	293163	18.802	ug/l	94
68) m/p-Xylenes	11.703	106	235771	37.738	ug/l	96
69) o-Xylene	12.026	106	112368	18.722	ug/l	94
70) Styrene	12.044	104	190549	18.864	ug/l	97
71) Bromoform	12.209	173	32714	17.849	ug/l #	97
73) Isopropylbenzene	12.331	105	287903	19.121	ug/l	98
74) N-amyl acetate	12.142	43	57138	17.290	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45114	18.830	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	31895m	18.996	ug/l	
77) Bromobenzene	12.611	156	67566	18.885	ug/l	92
78) n-propylbenzene	12.672	91	330579	19.066	ug/l	96
79) 2-Chlorotoluene	12.758	91	185165	18.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	230778	19.017	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	16245	17.626	ug/l	96
82) 4-Chlorotoluene	12.855	91	190907	18.919	ug/l	97
83) tert-Butylbenzene	13.075	119	211258	19.015	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	227140	19.107	ug/l	98
85) sec-Butylbenzene	13.251	105	308970	19.379	ug/l	97
86) p-Isopropyltoluene	13.367	119	254650	19.166	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	130231	19.031	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	128710	19.084	ug/l	99
89) n-Butylbenzene	13.697	91	227600	19.357	ug/l	97
90) Hexachloroethane	13.959	117	50847	18.836	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	112502	18.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5865	16.228	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	62050	18.619	ug/l	98
94) Hexachlorobutadiene	15.111	225	34525	18.716	ug/l	95
95) Naphthalene	15.239	128	109936	17.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51580	18.549	ug/l	100

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