

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018065.D
 Acq On : 26 Apr 2024 16:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
 Supervised By :Semsettin Yesilyurt 04/29/2024

Quant Time: Apr 27 01:10:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	362334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	553112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	512399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	263411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138361	44.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.260%		
35) Dibromofluoromethane	7.716	113	161820	47.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.840%		
50) Toluene-d8	10.179	98	642040	49.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.483	95	208103	51.895	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	162498	56.531	ug/l	100
3) Chloromethane	2.107	50	158890	33.360	ug/l	97
4) Vinyl Chloride	2.247	62	185363	34.528	ug/l	98
5) Bromomethane	2.644	94	152093	42.564	ug/l	98
6) Chloroethane	2.790	64	122117	36.031	ug/l	98
7) Trichlorofluoromethane	3.119	101	273746	45.245	ug/l	94
8) Diethyl Ether	3.522	74	93642	48.979	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	177275	47.051	ug/l	95
10) Methyl Iodide	4.082	142	253100	50.494	ug/l	100
11) Tert butyl alcohol	4.948	59	52660	233.847	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	182436	49.879	ug/l	95
13) Acrolein	3.723	56	54219	222.027	ug/l	99
14) Allyl chloride	4.473	41	221828	46.865	ug/l	93
15) Acrylonitrile	5.155	53	187687	241.785	ug/l	99
16) Acetone	3.942	43	127033	205.042	ug/l	100
17) Carbon Disulfide	4.186	76	579319	49.789	ug/l	98
18) Methyl Acetate	4.466	43	71811	44.060	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	402952	50.550	ug/l	100
20) Methylene Chloride	4.710	84	209081	49.813	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	202534	50.548	ug/l	97
22) Diisopropyl ether	6.113	45	506448	48.806	ug/l	98
23) Vinyl Acetate	6.052	43	1510364	245.456	ug/l	100
24) 1,1-Dichloroethane	6.009	63	319765	47.197	ug/l	99
25) 2-Butanone	6.978	43	212487	233.334	ug/l	96
26) 2,2-Dichloropropane	6.978	77	259071	47.662	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	236855	51.759	ug/l	96
28) Bromochloromethane	7.332	49	117505	44.091	ug/l	93
29) Tetrahydrofuran	7.344	42	141373	244.633	ug/l	99
30) Chloroform	7.503	83	343210	49.566	ug/l	100
31) Cyclohexane	7.783	56	276921	46.205	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	286320	49.646	ug/l	98
36) 1,1-Dichloropropene	7.917	75	245621	49.495	ug/l	99
37) Ethyl Acetate	7.070	43	102526	50.215	ug/l #	97
38) Carbon Tetrachloride	7.899	117	272729	54.397	ug/l	98
39) Methylcyclohexane	9.185	83	337048	52.118	ug/l	98
40) Benzene	8.155	78	808336	52.002	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	73481m	57.036	ug/l	
42) 1,2-Dichloroethane	8.234	62	180568	50.697	ug/l	98
43) Isopropyl Acetate	8.271	43	186866	49.099	ug/l	99
44) Trichloroethene	8.941	130	217259	55.001	ug/l	93
45) 1,2-Dichloropropane	9.216	63	181240	50.651	ug/l	100
46) Dibromomethane	9.307	93	106202	53.657	ug/l	93
47) Bromodichloromethane	9.496	83	259104	52.179	ug/l	98
48) Methyl methacrylate	9.289	41	88887	50.968	ug/l	95
49) 1,4-Dioxane	9.301	88	23834	1054.829	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	524805	260.113	ug/l	99
52) Toluene	10.246	92	527173	55.267	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	243767	53.773	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	296061	53.162	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	147157	54.694	ug/l	97
56) Ethyl methacrylate	10.508	69	195241	55.662	ug/l	97
57) 1,3-Dichloropropane	10.789	76	245972	53.989	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	417056	228.740	ug/l	98
59) 2-Hexanone	10.831	43	365744	265.555	ug/l	99
60) Dibromochloromethane	10.984	129	198380	57.370	ug/l	99
61) 1,2-Dibromoethane	11.087	107	137709	54.919	ug/l	100
64) Tetrachloroethene	10.721	164	204015	55.581	ug/l	98
65) Chlorobenzene	11.520	112	596308	53.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	199184	53.790	ug/l	99
67) Ethyl Benzene	11.593	91	999814	52.875	ug/l	98
68) m/p-Xylenes	11.703	106	783758	107.918	ug/l	100
69) o-Xylene	12.032	106	370939	54.693	ug/l	99
70) Styrene	12.044	104	645328	56.298	ug/l	98
71) Bromoform	12.209	173	119237	55.731	ug/l #	98
73) Isopropylbenzene	12.331	105	961530	50.096	ug/l	98
74) N-amyl acetate	12.148	43	180351	46.548	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	166485	46.508	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	125937m	50.949	ug/l	
77) Bromobenzene	12.611	156	241451	51.982	ug/l	92
78) n-propylbenzene	12.672	91	1138138	48.873	ug/l	98
79) 2-Chlorotoluene	12.758	91	640096	49.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	770372	50.618	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	56541	47.163	ug/l	97
82) 4-Chlorotoluene	12.855	91	649425	48.106	ug/l	96
83) tert-Butylbenzene	13.081	119	698568	50.255	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	779546	51.434	ug/l	97
85) sec-Butylbenzene	13.258	105	1034139	49.530	ug/l	97
86) p-Isopropyltoluene	13.373	119	879307	51.253	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	472576	51.278	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	463988	51.286	ug/l	98
89) n-Butylbenzene	13.697	91	785835	48.688	ug/l	98
90) Hexachloroethane	13.965	117	173188	49.230	ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	409847	51.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21581	46.869	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	242444	52.362	ug/l	99
94) Hexachlorobutadiene	15.117	225	144554	52.628	ug/l	99
95) Naphthalene	15.239	128	404591	53.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	205812	52.975	ug/l	99

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

