

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017472.D
 Acq On : 23 Feb 2024 18:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 24 04:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	231265	138.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.320%#			
35) Dibromofluoromethane	7.722	113	266421	145.029	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 290.060%#			
50) Toluene-d8	10.185	98	1023414	159.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 318.680%#			
62) 4-Bromofluorobenzene	12.483	95	327802	162.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 324.780%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	171458	132.079	ug/l	100
3) Chloromethane	2.107	50	313794	132.297	ug/l	98
4) Vinyl Chloride	2.247	62	415024	136.392	ug/l	98
5) Bromomethane	2.631	94	324065	130.687	ug/l	96
6) Chloroethane	2.784	64	269701	140.500	ug/l	100
7) Trichlorofluoromethane	3.113	101	452269	145.833	ug/l	95
8) Diethyl Ether	3.527	74	136082	149.607	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	254394	142.610	ug/l	99
10) Methyl Iodide	4.082	142	322315	161.001	ug/l	99
11) Tert butyl alcohol	4.960	59	86762	612.414	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	246841	148.481	ug/l	99
13) Acrolein	3.723	56	137665	736.445	ug/l	100
14) Allyl chloride	4.472	41	299959	149.329	ug/l	97
15) Acrylonitrile	5.161	53	275474	736.722	ug/l	100
16) Acetone	3.942	43	221029	683.258	ug/l	96
17) Carbon Disulfide	4.192	76	720219	144.335	ug/l	98
18) Methyl Acetate	4.472	43	119863	152.728	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	615239	158.779	ug/l	98
20) Methylene Chloride	4.710	84	268835	152.699	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	293101	150.580	ug/l	97
22) Diisopropyl ether	6.118	45	695211	149.983	ug/l	96
23) Vinyl Acetate	6.058	43	2161294	782.476	ug/l	99
24) 1,1-Dichloroethane	6.015	63	460665	145.469	ug/l	99
25) 2-Butanone	6.984	43	348085	755.036	ug/l	99
26) 2,2-Dichloropropane	6.984	77	399281	149.965	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	335220	153.386	ug/l	97
28) Bromochloromethane	7.338	49	178720	143.300	ug/l	93
29) Tetrahydrofuran	7.350	42	211222	760.051	ug/l	97
30) Chloroform	7.508	83	492373	146.038	ug/l	100
31) Cyclohexane	7.789	56	386032	142.225	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	439300	150.079	ug/l	98
36) 1,1-Dichloropropene	7.917	75	385995	155.735	ug/l	99
37) Ethyl Acetate	7.076	43	146597	149.752	ug/l #	97
38) Carbon Tetrachloride	7.905	117	396976	159.810	ug/l	97
39) Methylcyclohexane	9.185	83	494136	165.891	ug/l	99
40) Benzene	8.161	78	1149258	156.136	ug/l	99

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41) Methacrylonitrile	7.313	41	83530m	170.038	ug/l	
42) 1,2-Dichloroethane	8.240	62	270627	150.693	ug/l	98
43) Isopropyl Acetate	8.277	43	280310	162.948	ug/l	99
44) Trichloroethene	8.941	130	326731	154.006	ug/l	100
45) 1,2-Dichloropropane	9.222	63	269588	153.945	ug/l	98
46) Dibromomethane	9.307	93	156857	156.510	ug/l	97
47) Bromodichloromethane	9.502	83	378660	155.606	ug/l	97
48) Methyl methacrylate	9.295	41	135702	170.424	ug/l	96
49) 1,4-Dioxane	9.301	88	37670	3321.215	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	773961	807.268	ug/l	97
52) Toluene	10.246	92	744652	160.478	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	370858	164.193	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	444848	162.088	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	220428	154.908	ug/l	98
56) Ethyl methacrylate	10.514	69	279355	154.021	ug/l	96
57) 1,3-Dichloropropane	10.794	76	359577	155.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	759506	924.965	ug/l	97
59) 2-Hexanone	10.837	43	547488	831.368	ug/l	97
60) Dibromochloromethane	10.990	129	271373	161.208	ug/l	99
61) 1,2-Dibromoethane	11.093	107	210635	160.629	ug/l	99
64) Tetrachloroethene	10.721	164	330837	146.673	ug/l	98
65) Chlorobenzene	11.520	112	782505	156.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	306165	163.838	ug/l	98
67) Ethyl Benzene	11.599	91	1464768	167.442	ug/l	97
68) m/p-Xylenes	11.709	106	1158668	337.076	ug/l	98
69) o-Xylene	12.032	106	544095	170.616	ug/l	98
70) Styrene	12.050	104	913642	172.599	ug/l	99
71) Bromoform	12.215	173	173612	167.653	ug/l #	97
73) Isopropylbenzene	12.337	105	1388879	162.348	ug/l	99
74) N-amyl acetate	12.148	43	258748	171.486	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	235166	160.078	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	159178m	145.486	ug/l	
77) Bromobenzene	12.611	156	330259	159.410	ug/l	94
78) n-propylbenzene	12.678	91	1631775	158.963	ug/l	98
79) 2-Chlorotoluene	12.764	91	892493	155.292	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	1121595	163.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	78103	164.027	ug/l	94
82) 4-Chlorotoluene	12.861	91	914945	155.647	ug/l	97
83) tert-Butylbenzene	13.081	119	991199	164.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	1108279	163.789	ug/l	98
85) sec-Butylbenzene	13.257	105	1467673	159.500	ug/l	98
86) p-Isopropyltoluene	13.373	119	1281938	170.186	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	677001	162.801	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	621022	153.609	ug/l	99
89) n-Butylbenzene	13.702	91	1110742	161.621	ug/l	99
90) Hexachloroethane	13.965	117	231455	153.267	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	551920	156.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32055	155.210	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	313175	168.561	ug/l	99
94) Hexachlorobutadiene	15.117	225	168011	146.467	ug/l	98
95) Naphthalene	15.239	128	591969	155.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	264034	165.656	ug/l	100

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

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