

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078910.D
 Acq On : 13 May 2024 12:39
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 14 06:10:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	158553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	219116	147.332	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	294.660%#	
35) Dibromofluoromethane	7.804	113	255714	151.804	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	303.600%#	
50) Toluene-d8	10.269	98	1017966	161.200	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	322.400%#	
62) 4-Bromofluorobenzene	12.569	95	294802	166.177	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	332.360%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	195938	132.254	ug/l	97
3) Chloromethane	2.146	50	283438	148.510	ug/l	99
4) Vinyl Chloride	2.281	62	465560	149.333	ug/l	100
5) Bromomethane	2.669	94	461789	152.163	ug/l	97
6) Chloroethane	2.828	64	394515	139.112	ug/l	95
7) Trichlorofluoromethane	3.169	101	451534	145.414	ug/l	98
8) Diethyl Ether	3.593	74	112951	148.736	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	229918	140.219	ug/l	99
10) Methyl Iodide	4.163	142	312593	159.568	ug/l	100
11) Tert butyl alcohol	5.052	59	51099	743.376	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	237247	147.812	ug/l	95
13) Acrolein	3.793	56	109260	737.996	ug/l	99
14) Allyl chloride	4.563	41	235063	150.087	ug/l	97
15) Acrylonitrile	5.252	53	218136	758.795	ug/l	98
16) Acetone	4.016	43	183115	772.208	ug/l	97
17) Carbon Disulfide	4.269	76	679712	149.161	ug/l	98
18) Methyl Acetate	4.558	43	75494	138.267	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	497889	159.200	ug/l	95
20) Methylene Chloride	4.793	84	259808	149.322	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	261997	146.450	ug/l	98
22) Diisopropyl ether	6.216	45	527216	148.832	ug/l	97
23) Vinyl Acetate	6.157	43	1691659	796.199	ug/l	99
24) 1,1-Dichloroethane	6.110	63	392448	139.753	ug/l	98
25) 2-Butanone	7.081	43	250558	790.015	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	346302	140.329	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	314549	149.733	ug/l	99
28) Bromochloromethane	7.422	49	141038	150.601	ug/l	94
29) Tetrahydrofuran	7.440	42	143048	779.794	ug/l	97
30) Chloroform	7.593	83	439062	138.043	ug/l	98
31) Cyclohexane	7.875	56	292388	134.566	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	386211	141.790	ug/l	99
36) 1,1-Dichloropropene	8.010	75	308179	147.019	ug/l	98
37) Ethyl Acetate	7.163	43	106167	148.615	ug/l	100
38) Carbon Tetrachloride	7.993	117	359754	146.652	ug/l	95
39) Methylcyclohexane	9.275	83	410849	161.310	ug/l	94
40) Benzene	8.251	78	1004915	148.220	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	64942	168.946	ug/l	89
42) 1,2-Dichloroethane	8.322	62	233258	142.138	ug/l	97
43) Isopropyl Acetate	8.357	43	201318	158.823	ug/l	99
44) Trichloroethene	9.028	130	266153	148.001	ug/l	96
45) 1,2-Dichloropropane	9.304	63	212268	142.473	ug/l	99
46) Dibromomethane	9.393	93	142527	145.317	ug/l	99
47) Bromodichloromethane	9.581	83	346053	146.573	ug/l	98
48) Methyl methacrylate	9.381	41	97418	157.874	ug/l	96
49) 1,4-Dioxane	9.381	88	30295	3511.438	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	531806	787.685	ug/l	96
52) Toluene	10.334	92	690423	159.087	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	314462	156.743	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	371991	154.481	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	184165	145.338	ug/l	95
56) Ethyl methacrylate	10.598	69	223414	171.369	ug/l	97
57) 1,3-Dichloropropane	10.881	76	295949	149.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	460993	822.964	ug/l	98
59) 2-Hexanone	10.922	43	391401	832.882	ug/l	94
60) Dibromochloromethane	11.075	129	265120	153.480	ug/l	98
61) 1,2-Dibromoethane	11.181	107	177738	153.838	ug/l	96
64) Tetrachloroethene	10.810	164	229837	148.132	ug/l	98
65) Chlorobenzene	11.604	112	774984	152.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	275498	156.658	ug/l	99
67) Ethyl Benzene	11.681	91	1354389	165.530	ug/l	99
68) m/p-Xylenes	11.792	106	1120920	336.963	ug/l	98
69) o-Xylene	12.122	106	527429	173.915	ug/l	97
70) Styrene	12.134	104	915068	170.250	ug/l	99
71) Bromoform	12.298	173	152053	150.938	ug/l #	98
73) Isopropylbenzene	12.422	105	1293789	164.427	ug/l	100
74) N-amyl acetate	12.234	43	199610	156.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	201199	141.759	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	127742m	136.632	ug/l	
77) Bromobenzene	12.698	156	321939	155.591	ug/l	96
78) n-propylbenzene	12.763	91	1504809	158.227	ug/l	99
79) 2-Chlorotoluene	12.845	91	813383	153.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1074549	164.373	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	70293	150.191	ug/l	97
82) 4-Chlorotoluene	12.945	91	850221	153.319	ug/l	98
83) tert-Butylbenzene	13.163	119	943686	163.225	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1132948	167.314	ug/l	99
85) sec-Butylbenzene	13.345	105	1405192	162.936	ug/l	99
86) p-Isopropyltoluene	13.457	119	1311508	174.546	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	685761	156.618	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	637252	148.612	ug/l	99
89) n-Butylbenzene	13.786	91	1088203	161.625	ug/l	98
90) Hexachloroethane	14.051	117	228962	144.463	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	569165	155.358	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	28332	149.943	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	354283	164.701	ug/l	98
94) Hexachlorobutadiene	15.204	225	175042	155.711	ug/l	95
95) Naphthalene	15.328	128	665867	181.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	312389	163.256	ug/l	99

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

