

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078901.D
 Acq On : 10 May 2024 18:08
 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 11 05:03:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	208293	142.496	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	285.000%#	
35) Dibromofluoromethane	7.805	113	248039	156.513	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	313.020%#	
50) Toluene-d8	10.269	98	993177	166.603	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	333.200%#	
62) 4-Bromofluorobenzene	12.575	95	287394	170.687	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	341.380%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	236132	144.874	ug/l	99
3) Chloromethane	2.146	50	316711	131.892	ug/l	97
4) Vinyl Chloride	2.281	62	522684	143.629	ug/l	96
5) Bromomethane	2.675	94	533061	151.634	ug/l	99
6) Chloroethane	2.828	64	394952	131.511	ug/l	99
7) Trichlorofluoromethane	3.170	101	414130	122.846	ug/l	95
8) Diethyl Ether	3.593	74	123973	142.938	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	258185	137.545	ug/l	97
10) Methyl Iodide	4.164	142	360510	161.077	ug/l	99
11) Tert butyl alcohol	5.069	59	55030	726.450	ug/l	96
12) 1,1-Dichloroethene	3.934	96	266202	143.914	ug/l #	94
14) Allyl chloride	4.558	41	267880	156.430	ug/l	99
15) Acrylonitrile	5.252	53	237650	783.488	ug/l	97
16) Acetone	4.022	43	203118	707.142	ug/l	96
17) Carbon Disulfide	4.270	76	828961	136.603	ug/l	99
18) Methyl Acetate	4.564	43	84721	152.833	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	545951	166.140	ug/l	98
20) Methylene Chloride	4.805	84	295021	153.535	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	294214	153.934	ug/l	90
22) Diisopropyl ether	6.216	45	576635	154.029	ug/l	96
23) Vinyl Acetate	6.158	43	1833215	813.281	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	434444	149.553	ug/l	98
25) 2-Butanone	7.081	43	278029	790.336	ug/l	91
26) 2,2-Dichloropropane	7.075	77	395819	150.692	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	346554	156.546	ug/l	95
28) Bromochloromethane	7.422	49	154411	152.325	ug/l	86
29) Tetrahydrofuran	7.446	42	158933	812.135	ug/l	91
30) Chloroform	7.599	83	490357	147.646	ug/l	96
31) Cyclohexane	7.875	56	348226	145.849	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	440876	150.910	ug/l	97
36) 1,1-Dichloropropene	8.011	75	347711	163.307	ug/l	98
37) Ethyl Acetate	7.169	43	117113	166.687	ug/l	99
38) Carbon Tetrachloride	7.993	117	411070	164.413	ug/l	97
39) Methylcyclohexane	9.275	83	486644	178.284	ug/l	94
40) Benzene	8.252	78	1116929	162.679	ug/l	97
41) Methacrylonitrile	7.399	41	70569	181.199	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	250780	156.714	ug/l	100
43) Isopropyl Acetate	8.358	43	219388	168.126	ug/l	98
44) Trichloroethene	9.028	130	301025	164.506	ug/l	87
45) 1,2-Dichloropropane	9.305	63	231043	152.763	ug/l	95
46) Dibromomethane	9.393	93	152123	158.484	ug/l	97
47) Bromodichloromethane	9.587	83	375817	158.225	ug/l	97
48) Methyl methacrylate	9.381	41	104699	172.851	ug/l	95
49) 1,4-Dioxane	9.387	88	33046	3573.452	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	575361	858.940	ug/l	97
52) Toluene	10.334	92	768143	172.448	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	345196	171.527	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	405478	167.803	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	201695	157.389	ug/l	94
56) Ethyl methacrylate	10.599	69	243512	183.727	ug/l	95
57) 1,3-Dichloropropane	10.881	76	323019	162.264	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	474621	903.285	ug/l	98
59) 2-Hexanone	10.922	43	417531	846.098	ug/l	95
60) Dibromochloromethane	11.075	129	287649	166.440	ug/l	99
61) 1,2-Dibromoethane	11.181	107	195757	163.306	ug/l	99
64) Tetrachloroethene	10.810	164	265739	162.834	ug/l	94
65) Chlorobenzene	11.604	112	853567	161.932	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	303621	166.771	ug/l	98
67) Ethyl Benzene	11.681	91	1497985	178.037	ug/l	95
68) m/p-Xylenes	11.793	106	1251111	361.549	ug/l	96
69) o-Xylene	12.122	106	572602	183.055	ug/l	99
70) Styrene	12.134	104	1014755	182.961	ug/l	98
71) Bromoform	12.299	173	162693	165.858	ug/l #	96
73) Isopropylbenzene	12.422	105	1410932	173.299	ug/l	99
74) N-amyl acetate	12.234	43	214204	167.669	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	215042	151.989	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	137890m	140.061	ug/l	
77) Bromobenzene	12.698	156	350917	168.998	ug/l	94
78) n-propylbenzene	12.763	91	1650500	168.356	ug/l	97
79) 2-Chlorotoluene	12.846	91	887932	165.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1166801	172.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	77546	161.440	ug/l	96
82) 4-Chlorotoluene	12.946	91	934338	159.840	ug/l	98
83) tert-Butylbenzene	13.163	119	1071916	177.751	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1227424	179.524	ug/l	97
85) sec-Butylbenzene	13.345	105	1527782	171.415	ug/l	99
86) p-Isopropyltoluene	13.457	119	1432015	185.111	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	746196	170.755	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	685273	157.649	ug/l	100
89) n-Butylbenzene	13.787	91	1171982	171.536	ug/l	99
90) Hexachloroethane	14.051	117	247495	157.769	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	605812	162.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	29732	152.535	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	378515	173.973	ug/l	97
94) Hexachlorobutadiene	15.204	225	189268	161.311	ug/l	99
95) Naphthalene	15.328	128	716152	187.494	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	331349	174.594	ug/l	99

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

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