

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079404.D
 Acq On : 25 Jul 2024 13:03
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 26 06:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2024
 Supervised By :Semsettin Yesilyurt 07/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	223833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	385639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	369259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	185384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	309053	133.163	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 266.320%#			
35) Dibromofluoromethane	7.804	113	337707	136.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 273.820%#			
50) Toluene-d8	10.269	98	1360596	147.475	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 294.940%#			
62) 4-Bromofluorobenzene	12.569	95	434845	154.474	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 308.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	313068	160.623	ug/l	100
3) Chloromethane	2.146	50	121581	130.140	ug/l	98
4) Vinyl Chloride	2.281	62	121711	144.094	ug/l	99
5) Bromomethane	2.664	94	158083	150.707	ug/l	100
6) Chloroethane	2.822	64	101696	150.422	ug/l	94
7) Trichlorofluoromethane	3.164	101	605195	141.816	ug/l	100
8) Diethyl Ether	3.593	74	196107	160.209	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.958	101	376200	133.568	ug/l	96
10) Methyl Iodide	4.158	142	495871	160.850	ug/l	98
11) Tert butyl alcohol	5.058	59	96653	853.425	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	386716	147.963	ug/l	95
13) Acrolein	3.793	56	151727	736.894	ug/l	100
14) Allyl chloride	4.558	41	494878	160.979	ug/l	87
15) Acrylonitrile	5.246	53	421956	755.799	ug/l	97
16) Acetone	4.022	43	326498	783.085	ug/l	100
17) Carbon Disulfide	4.263	76	1271828	144.346	ug/l	99
18) Methyl Acetate	4.558	43	197564	151.961	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	849924	158.561	ug/l	96
20) Methylene Chloride	4.799	84	456927	149.346	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	426498	145.547	ug/l	90
22) Diisopropyl ether	6.216	45	1045935	150.722	ug/l	97
23) Vinyl Acetate	6.152	43	4164364	794.880	ug/l	97
24) 1,1-Dichloroethane	6.105	63	701315	139.403	ug/l	97
25) 2-Butanone	7.081	43	470354	743.896	ug/l	97
26) 2,2-Dichloropropane	7.075	77	575177	133.880	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	500467	146.788	ug/l	91
28) Bromochloromethane	7.422	49	284941	137.732	ug/l #	78
29) Tetrahydrofuran	7.446	42	302623	768.883	ug/l	88
30) Chloroform	7.593	83	730360	132.858	ug/l	97
31) Cyclohexane	7.875	56	576771	138.943	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	613583	133.452	ug/l	100
36) 1,1-Dichloropropene	8.004	75	539321	148.593	ug/l	97
37) Ethyl Acetate	7.169	43	214376	157.727	ug/l	98
38) Carbon Tetrachloride	7.993	117	546608	137.531	ug/l	99
39) Methylcyclohexane	9.275	83	688452	158.201	ug/l	93
40) Benzene	8.251	78	1694615	147.653	ug/l	95

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41) Methacrylonitrile	7.393	41	119303	159.767	ug/l	88
42) 1,2-Dichloroethane	8.328	62	388551	139.677	ug/l	96
43) Isopropyl Acetate	8.363	43	398274	154.556	ug/l	97
44) Trichloroethene	9.028	130	393365	143.529	ug/l	86
45) 1,2-Dichloropropane	9.304	63	398008	143.654	ug/l	98
46) Dibromomethane	9.393	93	232331	142.741	ug/l	91
47) Bromodichloromethane	9.581	83	554190	140.044	ug/l	97
48) Methyl methacrylate	9.381	41	189610	158.893	ug/l	88
49) 1,4-Dioxane	9.387	88	49577	3274.497	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	1050113	765.062	ug/l	99
52) Toluene	10.334	92	1101494	156.494	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	536328	153.525	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	643102	152.204	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	300109	141.657	ug/l	95
56) Ethyl methacrylate	10.598	69	405977	167.698	ug/l	97
57) 1,3-Dichloropropane	10.875	76	516054	145.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	812946	802.994	ug/l	91
59) 2-Hexanone	10.916	43	741905	780.054	ug/l	98
60) Dibromochloromethane	11.069	129	392663	144.271	ug/l	98
61) 1,2-Dibromoethane	11.175	107	294362	144.196	ug/l	97
64) Tetrachloroethene	10.810	164	330305	141.078	ug/l	93
65) Chlorobenzene	11.604	112	1156237	143.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	394792	141.685	ug/l	97
67) Ethyl Benzene	11.681	91	2129290	159.594	ug/l	99
68) m/p-Xylenes	11.792	106	1668971	316.714	ug/l	91
69) o-Xylene	12.116	106	774715	163.860	ug/l	87
70) Styrene	12.134	104	1366649	163.023	ug/l	96
71) Bromoform	12.298	173	222320	147.886	ug/l #	100
73) Isopropylbenzene	12.416	105	1987692	156.518	ug/l	98
74) N-amyl acetate	12.228	43	389201	149.767	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	351111	134.040	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	256144m	114.547	ug/l	
77) Bromobenzene	12.698	156	446159	149.600	ug/l	84
78) n-propylbenzene	12.757	91	2407236	151.074	ug/l	96
79) 2-Chlorotoluene	12.845	91	1362740	148.612	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	1646079	154.189	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	125968	146.216	ug/l	99
82) 4-Chlorotoluene	12.945	91	1404222	147.828	ug/l	94
83) tert-Butylbenzene	13.163	119	1410496	157.897	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1705365	158.296	ug/l	96
85) sec-Butylbenzene	13.339	105	2131805	153.058	ug/l	98
86) p-Isopropyltoluene	13.457	119	1831418	161.451	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	915938	146.759	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	891222	141.536	ug/l	97
89) n-Butylbenzene	13.781	91	1735364	157.641	ug/l	96
90) Hexachloroethane	14.051	117	354514	137.177	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	783545	144.625	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	50752	146.349	ug/l	90
93) 1,2,4-Trichlorobenzene	15.092	180	474259	160.742	ug/l	98
94) Hexachlorobutadiene	15.198	225	238527	140.435	ug/l	97
95) Naphthalene	15.328	128	1004872	178.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	415238	157.973	ug/l	98

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

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