

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079403.D
 Acq On : 25 Jul 2024 12:35
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 26 06:00:03 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	210448	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	360691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	203226	93.134	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.260%#			
35) Dibromofluoromethane	7.805	113	222511	96.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 192.900%#			
50) Toluene-d8	10.269	98	871517	100.997	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 202.000%#			
62) 4-Bromofluorobenzene	12.569	95	272046	103.325	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.660%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	205423	112.098	ug/l	99
3) Chloromethane	2.146	50	104210	118.641	ug/l	98
4) Vinyl Chloride	2.281	62	90718	114.232	ug/l	97
5) Bromomethane	2.675	94	73231	97.301	ug/l	97
6) Chloroethane	2.828	64	47503	98.535	ug/l	95
7) Trichlorofluoromethane	3.164	101	378178	94.255	ug/l	99
8) Diethyl Ether	3.587	74	122335	106.298	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	247261	93.373	ug/l	95
10) Methyl Iodide	4.158	142	323378	111.569	ug/l	98
11) Tert butyl alcohol	5.058	59	59769	561.313	ug/l	# 81
12) 1,1-Dichloroethene	3.934	96	247810	100.846	ug/l	91
13) Acrolein	3.799	56	97903	505.729	ug/l	99
14) Allyl chloride	4.558	41	313814	108.573	ug/l	87
15) Acrylonitrile	5.252	53	264353	503.620	ug/l	97
16) Acetone	4.017	43	204073	520.587	ug/l	99
17) Carbon Disulfide	4.264	76	829938	100.185	ug/l	97
18) Methyl Acetate	4.564	43	123724	101.431	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	535273	106.212	ug/l	96
20) Methylene Chloride	4.799	84	300512	101.106	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	272893	99.051	ug/l	89
22) Diisopropyl ether	6.216	45	674698	103.410	ug/l	95
23) Vinyl Acetate	6.152	43	2646699	537.325	ug/l	94
24) 1,1-Dichloroethane	6.111	63	462763	97.836	ug/l	95
25) 2-Butanone	7.081	43	299179	503.266	ug/l	97
26) 2,2-Dichloropropane	7.075	77	372800	92.293	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	320244	99.902	ug/l	92
28) Bromochloromethane	7.428	49	188944	97.138	ug/l	# 79
29) Tetrahydrofuran	7.446	42	189739	512.737	ug/l	88
30) Chloroform	7.593	83	476400	92.173	ug/l	99
31) Cyclohexane	7.875	56	377897	96.825	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	402997	93.225	ug/l	99
36) 1,1-Dichloropropene	8.005	75	349784	103.038	ug/l	97
37) Ethyl Acetate	7.169	43	139075	109.402	ug/l	98
38) Carbon Tetrachloride	7.993	117	358044	96.318	ug/l	98
39) Methylcyclohexane	9.275	83	445900	109.552	ug/l	94
40) Benzene	8.252	78	1078493	100.469	ug/l	95

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41) Methacrylonitrile	7.393	41	72761	104.179	ug/l	88
42) 1,2-Dichloroethane	8.322	62	248035	95.332	ug/l	97
43) Isopropyl Acetate	8.363	43	247861	102.839	ug/l	97
44) Trichloroethene	9.028	130	255061	99.502	ug/l	92
45) 1,2-Dichloropropane	9.304	63	259843	100.272	ug/l	97
46) Dibromomethane	9.393	93	146932	96.517	ug/l	92
47) Bromodichloromethane	9.581	83	363308	98.158	ug/l	97
48) Methyl methacrylate	9.381	41	117849	105.588	ug/l	88
49) 1,4-Dioxane	9.381	88	32174	2272.035	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	669997	521.890	ug/l	99
52) Toluene	10.334	92	689140	104.682	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	334442	102.356	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	406499	102.861	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	191963	96.877	ug/l	96
56) Ethyl methacrylate	10.593	69	251508	111.077	ug/l	96
57) 1,3-Dichloropropane	10.875	76	332717	100.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	524526	553.941	ug/l	90
59) 2-Hexanone	10.916	43	472303	530.936	ug/l	100
60) Dibromochloromethane	11.069	129	250276	98.316	ug/l	98
61) 1,2-Dibromoethane	11.181	107	186222	97.532	ug/l	96
64) Tetrachloroethene	10.810	164	211714	99.101	ug/l	94
65) Chlorobenzene	11.604	112	726437	99.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	245802	96.677	ug/l	96
67) Ethyl Benzene	11.681	91	1322916	108.666	ug/l	99
68) m/p-Xylenes	11.793	106	1036471	215.555	ug/l	90
69) o-Xylene	12.116	106	484311	112.263	ug/l	89
70) Styrene	12.134	104	854899	111.761	ug/l	96
71) Bromoform	12.298	173	134625	98.143	ug/l #	98
73) Isopropylbenzene	12.416	105	1246106	108.005	ug/l	98
74) N-amyl acetate	12.234	43	250323	106.028	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	223298	93.832	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	168756m	83.068	ug/l	
77) Bromobenzene	12.698	156	275650	101.736	ug/l	84
78) n-propylbenzene	12.763	91	1540439	106.412	ug/l	96
79) 2-Chlorotoluene	12.845	91	859792	103.207	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	1048092	108.063	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	81364	103.954	ug/l	97
82) 4-Chlorotoluene	12.945	91	893860	103.578	ug/l	94
83) tert-Butylbenzene	13.163	119	886501	109.234	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1071512	109.478	ug/l	96
85) sec-Butylbenzene	13.340	105	1354856	107.073	ug/l	98
86) p-Isopropyltoluene	13.457	119	1154168	111.995	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	574602	101.340	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	559634	97.827	ug/l	97
89) n-Butylbenzene	13.781	91	1098188	109.807	ug/l	96
90) Hexachloroethane	14.051	117	228641	97.382	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	497506	101.077	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30858	97.944	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	280713	104.725	ug/l	97
94) Hexachlorobutadiene	15.198	225	153434	99.434	ug/l	95
95) Naphthalene	15.328	128	593885	116.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	251528	105.329	ug/l	98

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

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