

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079751.D
 Acq On : 30 Aug 2024 12:27
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 14:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 13:02:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	273502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	191757	97.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.480%#			
35) Dibromofluoromethane	7.805	113	178121	100.195	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.380%#			
50) Toluene-d8	10.269	98	809220	106.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 212.280%#			
62) 4-Bromofluorobenzene	12.569	95	230651	108.118	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 216.240%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	159219	92.151	ug/l	100
3) Chloromethane	2.146	50	340648	94.640	ug/l	97
4) Vinyl Chloride	2.281	62	403738	93.107	ug/l	99
5) Bromomethane	2.681	94	273021	90.952	ug/l	96
6) Chloroethane	2.828	64	281031	95.595	ug/l	99
7) Trichlorofluoromethane	3.170	101	299284	91.432	ug/l	99
8) Diethyl Ether	3.593	74	105648	101.731	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.964	101	167074	91.159	ug/l	94
10) Methyl Iodide	4.164	142	233928	110.773	ug/l	93
11) Tert butyl alcohol	5.046	59	44028	448.874	ug/l #	83
12) 1,1-Dichloroethene	3.940	96	191990	99.773	ug/l	89
13) Acrolein	3.799	56	91274	483.874	ug/l	100
14) Allyl chloride	4.558	41	298607	105.332	ug/l #	85
15) Acrylonitrile	5.252	53	234936	501.690	ug/l	98
16) Acetone	4.022	43	190102	466.917	ug/l	100
17) Carbon Disulfide	4.269	76	678557	96.437	ug/l	100
18) Methyl Acetate	4.564	43	106890	91.589	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	446877	106.116	ug/l	99
20) Methylene Chloride	4.799	84	231706	96.914	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	216109	101.191	ug/l #	86
22) Diisopropyl ether	6.216	45	652823	109.420	ug/l #	92
23) Vinyl Acetate	6.152	43	1895855	499.719	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	384320	98.507	ug/l	94
25) 2-Butanone	7.081	43	274632	505.614	ug/l	90
26) 2,2-Dichloropropane	7.069	77	302915	99.793	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	248798	101.573	ug/l	84
28) Bromochloromethane	7.422	49	174332	100.534	ug/l #	61
29) Tetrahydrofuran	7.446	42	177199	527.435	ug/l #	80
30) Chloroform	7.593	83	375074	96.842	ug/l	98
31) Cyclohexane	7.875	56	317281	96.734	ug/l	82
32) 1,1,1-Trichloroethane	7.793	97	306344	94.962	ug/l	96
36) 1,1-Dichloropropene	8.010	75	275538	104.570	ug/l	95
37) Ethyl Acetate	7.169	43	122544	105.242	ug/l	95
38) Carbon Tetrachloride	7.993	117	278334	99.046	ug/l	97
39) Methylcyclohexane	9.275	83	343869	107.165	ug/l	89
40) Benzene	8.252	78	914557	104.074	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	70009	105.068	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	214412	99.486	ug/l	94
43) Isopropyl Acetate	8.357	43	233212	107.356	ug/l #	91
44) Trichloroethene	9.028	130	190706	101.688	ug/l	86
45) 1,2-Dichloropropane	9.304	63	222164	104.728	ug/l	98
46) Dibromomethane	9.393	93	111659	99.504	ug/l #	88
47) Bromodichloromethane	9.581	83	284728	101.601	ug/l	98
48) Methyl methacrylate	9.381	41	112161	106.971	ug/l #	81
49) 1,4-Dioxane	9.381	88	21215	1881.754	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	617828	544.480	ug/l	92
52) Toluene	10.334	92	569571	107.168	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	282888	107.077	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	334673	106.348	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	149969	102.156	ug/l	95
56) Ethyl methacrylate	10.593	69	206817	112.433	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	273236	103.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	459581	498.188	ug/l	89
59) 2-Hexanone	10.916	43	429755	470.806	ug/l	94
60) Dibromochloromethane	11.069	129	183552	101.650	ug/l	97
61) 1,2-Dibromoethane	11.175	107	132232	102.780	ug/l	96
64) Tetrachloroethene	10.804	164	150613	99.637	ug/l	92
65) Chlorobenzene	11.604	112	580378	101.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	191416	102.055	ug/l	98
67) Ethyl Benzene	11.681	91	1103887	109.672	ug/l	98
68) m/p-Xylenes	11.793	106	854026	221.030	ug/l	90
69) o-Xylene	12.116	106	399120	110.831	ug/l	87
70) Styrene	12.134	104	707638	112.578	ug/l	96
71) Bromoform	12.298	173	92143	97.962	ug/l #	99
73) Isopropylbenzene	12.416	105	990736	109.865	ug/l	98
74) N-amyl acetate	12.234	43	236989	110.572	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	170964	98.765	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	104831m	92.821	ug/l	
77) Bromobenzene	12.698	156	209972	104.620	ug/l	79
78) n-propylbenzene	12.757	91	1242302	111.484	ug/l	95
79) 2-Chlorotoluene	12.845	91	673453	108.487	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	833983	111.243	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	66608	102.587	ug/l	97
82) 4-Chlorotoluene	12.945	91	698666	108.056	ug/l	94
83) tert-Butylbenzene	13.163	119	700301	112.408	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	877706	113.490	ug/l	96
85) sec-Butylbenzene	13.340	105	1058887	111.169	ug/l	97
86) p-Isopropyltoluene	13.457	119	934993	98.684	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	452991	105.136	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	428374	99.438	ug/l	96
89) n-Butylbenzene	13.781	91	872396	114.324	ug/l	97
90) Hexachloroethane	14.051	117	167673	104.105	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	375247	101.701	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.440	75	24455	96.763	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	224513	110.783	ug/l	98
94) Hexachlorobutadiene	15.198	225	105547	108.304	ug/l	96
95) Naphthalene	15.328	128	491699	119.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	193764	109.420	ug/l	99

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

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