

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081384.D
 Acq On : 12 Mar 2024 19:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 04:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	311214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	234039	52.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.165	113	180793	51.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.571	98	677637	51.532	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.853	95	239498	51.531	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	213621	51.781	ug/l	99
3) Chloromethane	2.359	50	199154	44.691	ug/l	96
4) Vinyl Chloride	2.512	62	213991	46.032	ug/l	94
5) Bromomethane	2.948	94	132471	42.666	ug/l	100
6) Chloroethane	3.118	64	146508	45.885	ug/l	93
7) Trichlorofluoromethane	3.495	101	336883	48.986	ug/l	95
8) Diethyl Ether	3.965	74	118789	49.027	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	188396	48.106	ug/l	94
10) Methyl Iodide	4.583	142	199791	55.748	ug/l	96
11) Tert butyl alcohol	5.518	59	197434	250.924	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	171308	47.234	ug/l	88
13) Acrolein	4.177	56	181084	194.359	ug/l	96
14) Allyl chloride	5.024	41	252582	46.927	ug/l #	85
15) Acrylonitrile	5.718	53	468724	228.031	ug/l	95
16) Acetone	4.430	43	356753	223.767	ug/l	97
17) Carbon Disulfide	4.712	76	444561	42.947	ug/l	96
18) Methyl Acetate	5.030	43	244102	53.477	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	600704	48.835	ug/l	99
20) Methylene Chloride	5.283	84	195368	49.592	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	186821	45.689	ug/l	99
22) Diisopropyl ether	6.671	45	631254	52.803	ug/l #	95
23) Vinyl Acetate	6.600	43	2379309	244.987	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	363067	49.612	ug/l	98
25) 2-Butanone	7.483	43	594678	222.729	ug/l	94
26) 2,2-Dichloropropane	7.494	77	299704	46.337	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	222784	48.057	ug/l	89
28) Bromochloromethane	7.818	49	155063	49.520	ug/l #	70
29) Tetrahydrofuran	7.836	42	399759	219.570	ug/l	89
30) Chloroform	7.965	83	383602	50.513	ug/l	98
31) Cyclohexane	8.259	56	310410	45.564	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	339368	50.556	ug/l	95
36) 1,1-Dichloropropene	8.371	75	278560	49.085	ug/l	96
37) Ethyl Acetate	7.559	43	254617	45.897	ug/l	100
38) Carbon Tetrachloride	8.365	117	291104	50.967	ug/l	98
39) Methylcyclohexane	9.600	83	311060	47.627	ug/l	89
40) Benzene	8.606	78	812437	47.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	144538	46.137	ug/l	95
42) 1,2-Dichloroethane	8.677	62	297302	49.778	ug/l	100
43) Isopropyl Acetate	8.688	43	436615	44.966	ug/l	97
44) Trichloroethene	9.353	130	209515	49.041	ug/l	100
45) 1,2-Dichloropropane	9.624	63	208217	48.931	ug/l	100
46) Dibromomethane	9.706	93	149016	49.682	ug/l	93
47) Bromodichloromethane	9.888	83	300986	51.691	ug/l #	96
48) Methyl methacrylate	9.683	41	208377	48.550	ug/l	91
49) 1,4-Dioxane	9.694	88	80565	851.644	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1324535	234.930	ug/l	96
52) Toluene	10.630	92	507605	49.606	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	316345	50.212	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	340041	49.997	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	201390	49.630	ug/l	95
56) Ethyl methacrylate	10.877	69	298951	51.307	ug/l	93
57) 1,3-Dichloropropane	11.165	76	346663	48.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	773898	246.914	ug/l #	88
59) 2-Hexanone	11.194	43	990499	235.000	ug/l	99
60) Dibromochloromethane	11.359	129	212599	50.873	ug/l	99
61) 1,2-Dibromoethane	11.471	107	201187	47.784	ug/l	98
64) Tetrachloroethene	11.106	164	200503	49.627	ug/l	96
65) Chlorobenzene	11.894	112	532670	48.989	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	200840	50.478	ug/l	97
67) Ethyl Benzene	11.965	91	988949	50.492	ug/l	99
68) m/p-Xylenes	12.071	106	743368	100.848	ug/l	99
69) o-Xylene	12.400	106	362432	50.734	ug/l	99
70) Styrene	12.412	104	616309	54.440	ug/l	97
71) Bromoform	12.582	173	138010	49.962	ug/l #	97
73) Isopropylbenzene	12.700	105	961067	49.497	ug/l	98
74) N-amyl acetate	12.494	43	389409	47.798	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	259471	43.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	260208m	45.815	ug/l	
77) Bromobenzene	12.982	156	214765	46.651	ug/l	77
78) n-propylbenzene	13.035	91	1161321	50.567	ug/l	97
79) 2-Chlorotoluene	13.129	91	680097	48.448	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	816091	50.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	91941	45.178	ug/l	85
82) 4-Chlorotoluene	13.223	91	669975	48.319	ug/l	96
83) tert-Butylbenzene	13.441	119	696559	50.620	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	824177	50.682	ug/l	96
85) sec-Butylbenzene	13.618	105	985348	49.497	ug/l	95
86) p-Isopropyltoluene	13.729	119	825051	51.680	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	402588	46.313	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	394614	45.417	ug/l	99
89) n-Butylbenzene	14.059	91	737673	50.386	ug/l	96
90) Hexachloroethane	14.335	117	143844	51.464	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	379485	45.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56302	43.907	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	205668	46.134	ug/l	96
94) Hexachlorobutadiene	15.506	225	80104	43.485	ug/l	98
95) Naphthalene	15.647	128	756500	47.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	212308	46.960	ug/l	99

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

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