

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083168.D
 Acq On : 08 Aug 2024 20:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 01:10:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	184502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134469	51.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.400%			
35) Dibromofluoromethane	8.171	113	98501	49.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.060%			
50) Toluene-d8	10.565	98	369187	49.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.847	95	146241	50.056	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109950	52.551	ug/l	99
3) Chloromethane	2.359	50	106461	49.700	ug/l	99
4) Vinyl Chloride	2.512	62	109908	50.284	ug/l	98
5) Bromomethane	2.942	94	64524	47.575	ug/l	92
6) Chloroethane	3.112	64	66576	48.686	ug/l	100
7) Trichlorofluoromethane	3.495	101	190049	52.634	ug/l	100
8) Diethyl Ether	3.959	74	69643	51.833	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	104152	52.318	ug/l	99
10) Methyl Iodide	4.589	142	135698	51.819	ug/l	99
11) Tert butyl alcohol	5.524	59	133284	244.213	ug/l	99
12) 1,1-Dichloroethene	4.342	96	103304	50.509	ug/l	91
13) Acrolein	4.177	56	113721	319.709	ug/l	100
14) Allyl chloride	5.024	41	168767	43.666	ug/l	95
15) Acrylonitrile	5.718	53	286016	254.814	ug/l	99
16) Acetone	4.424	43	241913	235.412	ug/l	95
17) Carbon Disulfide	4.712	76	277913	46.439	ug/l	99
18) Methyl Acetate	5.030	43	155098	50.657	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	381492	51.677	ug/l	96
20) Methylene Chloride	5.277	84	113323	47.917	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	104493	49.432	ug/l	93
22) Diisopropyl ether	6.671	45	382221	52.611	ug/l	96
23) Vinyl Acetate	6.606	43	1961524m	263.411	ug/l	
24) 1,1-Dichloroethane	6.571	63	207859	52.490	ug/l	99
25) 2-Butanone	7.482	43	395045	250.366	ug/l	92
26) 2,2-Dichloropropane	7.488	77	161836	44.006	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	131765	51.656	ug/l	92
28) Bromochloromethane	7.812	49	81428	50.316	ug/l	86
29) Tetrahydrofuran	7.841	42	266060	260.846	ug/l	90
30) Chloroform	7.965	83	220331	53.555	ug/l	99
31) Cyclohexane	8.259	56	186922	48.029	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	207361	53.249	ug/l	96
36) 1,1-Dichloropropene	8.371	75	153195	50.409	ug/l	99
37) Ethyl Acetate	7.559	43	162865	47.864	ug/l #	96
38) Carbon Tetrachloride	8.359	117	178881	52.260	ug/l	99
39) Methylcyclohexane	9.600	83	181668	48.669	ug/l	99
40) Benzene	8.606	78	468316	51.729	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93259	48.203	ug/l	96
42) 1,2-Dichloroethane	8.671	62	173520	52.615	ug/l	99
43) Isopropyl Acetate	8.688	43	298036	50.539	ug/l #	93
44) Trichloroethene	9.353	130	121484	56.376	ug/l	96
45) 1,2-Dichloropropane	9.624	63	113328	52.735	ug/l	100
46) Dibromomethane	9.712	93	82209	53.445	ug/l	99
47) Bromodichloromethane	9.888	83	178270	51.616	ug/l	98
48) Methyl methacrylate	9.682	41	142698	50.725	ug/l	93
49) 1,4-Dioxane	9.694	88	50695	998.872	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	844814	262.551	ug/l	93
52) Toluene	10.629	92	298478	52.179	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	184952	52.132	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	191957	50.869	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	108884	53.115	ug/l	96
56) Ethyl methacrylate	10.871	69	201746	52.204	ug/l	89
57) 1,3-Dichloropropane	11.165	76	190300	52.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	418546	256.219	ug/l	96
59) 2-Hexanone	11.194	43	638082	256.325	ug/l	93
60) Dibromochloromethane	11.359	129	132124	53.308	ug/l	100
61) 1,2-Dibromoethane	11.470	107	113338	52.630	ug/l	99
64) Tetrachloroethene	11.106	164	95442	51.129	ug/l	98
65) Chlorobenzene	11.894	112	313340	50.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	113157	51.510	ug/l	99
67) Ethyl Benzene	11.965	91	583905	51.101	ug/l	100
68) m/p-Xylenes	12.070	106	439030	102.570	ug/l	99
69) o-Xylene	12.400	106	214851	50.894	ug/l	100
70) Styrene	12.412	104	369429	52.104	ug/l	98
71) Bromoform	12.582	173	88630	53.257	ug/l #	99
73) Isopropylbenzene	12.694	105	562561	49.474	ug/l	100
74) N-amyl acetate	12.494	43	265498	47.735	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	160360	49.862	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	142987m	47.923	ug/l	
77) Bromobenzene	12.982	156	127060	50.302	ug/l	96
78) n-propylbenzene	13.035	91	658415	50.286	ug/l	100
79) 2-Chlorotoluene	13.123	91	412804	49.729	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	477352	50.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	65865	48.019	ug/l	86
82) 4-Chlorotoluene	13.223	91	412976	49.597	ug/l	98
83) tert-Butylbenzene	13.435	119	420000	49.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	483491	50.396	ug/l	100
85) sec-Butylbenzene	13.617	105	576756	50.137	ug/l	100
86) p-Isopropyltoluene	13.729	119	482302	50.778	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	232831	48.987	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	235420	49.131	ug/l	98
89) n-Butylbenzene	14.059	91	412428	50.112	ug/l	97
90) Hexachloroethane	14.329	117	93014	50.688	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	226235	49.188	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36789	47.141	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	121780	47.262	ug/l	97
94) Hexachlorobutadiene	15.500	225	51442	44.891	ug/l	96
95) Naphthalene	15.641	128	443416	48.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120858	47.402	ug/l	98

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

