

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083470.D
 Acq On : 23 Aug 2024 19:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 24 00:09:48 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117953	60.176	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.360%			
35) Dibromofluoromethane	8.165	113	82946	54.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	10.565	98	309234	54.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.847	95	123598	56.308	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71731	45.933	ug/l	100
3) Chloromethane	2.359	50	83546	52.255	ug/l	95
4) Vinyl Chloride	2.512	62	90371	55.395	ug/l	98
5) Bromomethane	2.901	94	46884	46.315	ug/l	94
6) Chloroethane	3.059	64	58935	57.742	ug/l	96
7) Trichlorofluoromethane	3.459	101	155179	57.579	ug/l	93
8) Diethyl Ether	3.953	74	55738	55.579	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.348	101	85108	57.278	ug/l	98
10) Methyl Iodide	4.571	142	109791	56.172	ug/l	96
11) Tert butyl alcohol	5.542	59	97489	239.322	ug/l	97
12) 1,1-Dichloroethene	4.324	96	80294	52.598	ug/l	95
13) Acrolein	4.171	56	84608	318.685	ug/l	97
14) Allyl chloride	5.006	41	149396	51.788	ug/l	91
15) Acrylonitrile	5.724	53	229057	273.408	ug/l	99
16) Acetone	4.430	43	187245	244.127	ug/l	98
17) Carbon Disulfide	4.695	76	211732	47.402	ug/l	99
18) Methyl Acetate	5.024	43	124341	54.411	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	308496	55.988	ug/l	94
20) Methylene Chloride	5.265	84	93609	53.030	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	85437	54.151	ug/l	96
22) Diisopropyl ether	6.671	45	304617	56.176	ug/l	95
23) Vinyl Acetate	6.600	43	1661758	298.981	ug/l	96
24) 1,1-Dichloroethane	6.559	63	173927	58.845	ug/l	99
25) 2-Butanone	7.488	43	308848	262.246	ug/l	93
26) 2,2-Dichloropropane	7.488	77	137367	50.045	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	106207	55.784	ug/l	93
28) Bromochloromethane	7.812	49	65787	54.464	ug/l	90
29) Tetrahydrofuran	7.841	42	208836	274.312	ug/l	90
30) Chloroform	7.965	83	183774	59.847	ug/l	97
31) Cyclohexane	8.253	56	149965	51.626	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	169009	58.147	ug/l	95
36) 1,1-Dichloropropene	8.365	75	124923	54.713	ug/l	99
37) Ethyl Acetate	7.565	43	131717	51.523	ug/l	95
38) Carbon Tetrachloride	8.359	117	145145	56.440	ug/l	96
39) Methylcyclohexane	9.600	83	146064	52.083	ug/l	98
40) Benzene	8.606	78	387740	57.005	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	71982	49.521	ug/l	94
42) 1,2-Dichloroethane	8.671	62	144849	58.459	ug/l	99
43) Isopropyl Acetate	8.688	43	237429	53.817	ug/l #	94
44) Trichloroethene	9.353	130	88156	54.451	ug/l	93
45) 1,2-Dichloropropane	9.624	63	94388	58.460	ug/l	99
46) Dibromomethane	9.712	93	67790	58.659	ug/l	98
47) Bromodichloromethane	9.888	83	146626	56.506	ug/l	100
48) Methyl methacrylate	9.682	41	111226	52.625	ug/l	93
49) 1,4-Dioxane	9.700	88	38969	1021.981	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	667041	275.921	ug/l	94
52) Toluene	10.629	92	241963	56.301	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	147127	55.197	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	154044	54.334	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	90176	58.550	ug/l	93
56) Ethyl methacrylate	10.877	69	156407	53.869	ug/l	90
57) 1,3-Dichloropropane	11.165	76	157254	57.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	267427	217.897	ug/l	97
59) 2-Hexanone	11.200	43	506004	270.550	ug/l	93
60) Dibromochloromethane	11.359	129	105760	56.796	ug/l	100
61) 1,2-Dibromoethane	11.471	107	91114	56.315	ug/l	99
64) Tetrachloroethene	11.106	164	76249	53.547	ug/l	97
65) Chlorobenzene	11.888	112	257113	54.113	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	91319	54.494	ug/l	99
67) Ethyl Benzene	11.965	91	478737	54.924	ug/l	100
68) m/p-Xylenes	12.071	106	351646	107.699	ug/l	95
69) o-Xylene	12.400	106	173475	53.870	ug/l	100
70) Styrene	12.412	104	293813	54.324	ug/l	98
71) Bromoform	12.576	173	69515	54.758	ug/l #	99
73) Isopropylbenzene	12.694	105	456310	47.815	ug/l	99
74) N-amyl acetate	12.494	43	213931	45.829	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	137493	50.939	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120892m	48.277	ug/l	
77) Bromobenzene	12.982	156	103590	48.864	ug/l	96
78) n-propylbenzene	13.035	91	526163	47.881	ug/l	100
79) 2-Chlorotoluene	13.123	91	334813	48.058	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	389848	48.794	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	46907	40.746	ug/l	94
82) 4-Chlorotoluene	13.223	91	331026	47.369	ug/l	98
83) tert-Butylbenzene	13.441	119	340903	48.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	394567	49.003	ug/l	99
85) sec-Butylbenzene	13.618	105	458653	47.506	ug/l	100
86) p-Isopropyltoluene	13.729	119	384476	48.230	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	201635	50.548	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	197261	49.051	ug/l	99
89) n-Butylbenzene	14.059	91	328230	47.519	ug/l	98
90) Hexachloroethane	14.335	117	75895	49.279	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	201773	52.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29842	45.562	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	99374	45.952	ug/l	97
94) Hexachlorobutadiene	15.500	225	41048	42.680	ug/l	99
95) Naphthalene	15.641	128	348302	45.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99662	46.575	ug/l	98

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

