

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080406.D
 Acq On : 08 Dec 2023 15:11
 Operator : JC\MD
 Sample : VN1208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 08 22:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	208094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171561	49.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.171	113	124486	53.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.200%		
50) Toluene-d8	10.565	98	430401	50.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.860%		
62) 4-Bromofluorobenzene	12.853	95	166129	52.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55406	17.875	ug/l	99
3) Chloromethane	2.365	50	39160	16.804	ug/l	91
4) Vinyl Chloride	2.518	62	43143	17.493	ug/l	93
5) Bromomethane	2.965	94	29452	17.591	ug/l	91
6) Chloroethane	3.124	64	27501	16.911	ug/l	92
7) Trichlorofluoromethane	3.501	101	98049	19.058	ug/l	97
8) Diethyl Ether	3.959	74	28503	19.050	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	46094	19.602	ug/l	93
10) Methyl Iodide	4.589	142	48974	19.271	ug/l	90
11) Tert butyl alcohol	5.518	59	36861	97.555	ug/l	99
12) 1,1-Dichloroethene	4.348	96	41829	19.018	ug/l	92
13) Acrolein	4.171	56	31287	93.564	ug/l	98
14) Allyl chloride	5.018	41	48295	17.453	ug/l	91
15) Acrylonitrile	5.718	53	95243	93.896	ug/l	99
16) Acetone	4.424	43	88852	76.991	ug/l	94
17) Carbon Disulfide	4.712	76	106400	16.202	ug/l	99
18) Methyl Acetate	5.024	43	68663	18.518	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	152261	19.603	ug/l	95
20) Methylene Chloride	5.277	84	49142	20.334	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	45993	19.035	ug/l	86
22) Diisopropyl ether	6.671	45	116949	19.102	ug/l	99
23) Vinyl Acetate	6.606	43	320985	87.210	ug/l	95
24) 1,1-Dichloroethane	6.565	63	84853	19.029	ug/l	99
25) 2-Butanone	7.483	43	110357	80.485	ug/l	95
26) 2,2-Dichloropropane	7.494	77	84599	19.123	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	53793	19.637	ug/l	90
28) Bromochloromethane	7.812	49	27848	15.886	ug/l	94
29) Tetrahydrofuran	7.836	42	64793	88.017	ug/l	97
30) Chloroform	7.965	83	103050	20.677	ug/l	92
31) Cyclohexane	8.259	56	60015	16.061	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	97999	20.163	ug/l	96
36) 1,1-Dichloropropene	8.377	75	65894	19.414	ug/l	97
37) Ethyl Acetate	7.565	43	43395	18.432	ug/l	97
38) Carbon Tetrachloride	8.365	117	88373	20.518	ug/l	97
39) Methylcyclohexane	9.606	83	58176	17.777	ug/l #	89
40) Benzene	8.606	78	194379	20.150	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	25421	19.662	ug/l	96
42) 1,2-Dichloroethane	8.671	62	84940	21.522	ug/l	96
43) Isopropyl Acetate	8.688	43	74916	16.352	ug/l	96
44) Trichloroethene	9.353	130	53216	21.031	ug/l	93
45) 1,2-Dichloropropane	9.624	63	45091	20.114	ug/l	96
46) Dibromomethane	9.712	93	36316	21.401	ug/l	91
47) Bromodichloromethane	9.888	83	81442	21.818	ug/l	97
48) Methyl methacrylate	9.682	41	43739	18.526	ug/l	92
49) 1,4-Dioxane	9.694	88	15969	406.571	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	225422	95.039	ug/l	99
52) Toluene	10.635	92	125168	20.734	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	76357	19.910	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	80720	20.601	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	49292	21.393	ug/l	97
56) Ethyl methacrylate	10.877	69	49051	20.839	ug/l	95
57) 1,3-Dichloropropane	11.165	76	83913	20.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	99269	74.858	ug/l	100
59) 2-Hexanone	11.200	43	164791	86.462	ug/l	97
60) Dibromochloromethane	11.359	129	61189	22.182	ug/l	96
61) 1,2-Dibromoethane	11.471	107	49007	20.849	ug/l	96
64) Tetrachloroethene	11.106	164	56762	25.572	ug/l	95
65) Chlorobenzene	11.894	112	134104	20.348	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	56346	22.031	ug/l	94
67) Ethyl Benzene	11.965	91	233649	19.923	ug/l	96
68) m/p-Xylenes	12.071	106	176219	41.211	ug/l	89
69) o-Xylene	12.400	106	84179	20.889	ug/l	87
70) Styrene	12.412	104	126915	21.160	ug/l	94
71) Bromoform	12.576	173	40248	21.220	ug/l #	100
73) Isopropylbenzene	12.700	105	220192	19.725	ug/l	98
74) N-amyl acetate	12.494	43	57524	16.525	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	59804	17.900	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	61453m	17.460	ug/l	
77) Bromobenzene	12.982	156	57003	20.254	ug/l	96
78) n-propylbenzene	13.035	91	242111	19.396	ug/l	100
79) 2-Chlorotoluene	13.129	91	160631	19.813	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	195603	20.129	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	18622	17.875	ug/l #	83
82) 4-Chlorotoluene	13.223	91	164205	19.770	ug/l	96
83) tert-Butylbenzene	13.441	119	148526	19.060	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	193197	20.191	ug/l	99
85) sec-Butylbenzene	13.618	105	190091	19.283	ug/l	98
86) p-Isopropyltoluene	13.729	119	173362	19.687	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	100358	19.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	97934	19.219	ug/l	94
89) n-Butylbenzene	14.059	91	134519	18.251	ug/l	98
90) Hexachloroethane	14.335	117	30734	17.903	ug/l	62
91) 1,2-Dichlorobenzene	14.106	146	96281	19.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12867	16.580	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	47393	16.793	ug/l	96
94) Hexachlorobutadiene	15.506	225	30089	18.527	ug/l	95
95) Naphthalene	15.647	128	128015	15.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45039	17.027	ug/l	98

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

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