

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080499.D
 Acq On : 15 Dec 2023 13:37
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 02:51:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	234542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193290	64.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.040%#			
35) Dibromofluoromethane	8.165	113	141147	59.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.740%			
50) Toluene-d8	10.571	98	508213	57.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.600%#			
62) 4-Bromofluorobenzene	12.853	95	185909	55.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58860	19.638	ug/l	95
3) Chloromethane	2.359	50	55362	17.375	ug/l	99
4) Vinyl Chloride	2.512	62	46377	18.118	ug/l	96
5) Bromomethane	2.959	94	22106	19.155	ug/l	97
6) Chloroethane	3.130	64	29982	18.228	ug/l	91
7) Trichlorofluoromethane	3.495	101	104272	20.084	ug/l	96
8) Diethyl Ether	3.959	74	32252	19.723	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	49722	20.206	ug/l	93
10) Methyl Iodide	4.595	142	35379	16.345	ug/l	92
11) Tert butyl alcohol	5.506	59	37310	105.753	ug/l	97
12) 1,1-Dichloroethene	4.348	96	47108	18.683	ug/l	88
13) Acrolein	4.171	56	36360	94.107	ug/l	98
14) Allyl chloride	5.018	41	60511	19.397	ug/l	96
15) Acrylonitrile	5.718	53	105533	105.865	ug/l	98
16) Acetone	4.430	43	71016	133.700	ug/l	89
17) Carbon Disulfide	4.712	76	122664	17.166	ug/l	99
18) Methyl Acetate	5.018	43	76564	22.402	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	176894	21.028	ug/l	98
20) Methylene Chloride	5.283	84	54510	19.176	ug/l #	92
21) trans-1,2-Dichloroethene	5.783	96	52254	19.113	ug/l	91
22) Diisopropyl ether	6.671	45	139306	20.690	ug/l	92
23) Vinyl Acetate	6.600	43	391201	101.164	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	96124	20.463	ug/l	95
25) 2-Butanone	7.477	43	115803	113.173	ug/l	90
26) 2,2-Dichloropropane	7.489	77	96780	20.148	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	60134	19.432	ug/l	89
28) Bromochloromethane	7.812	49	40122	22.245	ug/l	100
29) Tetrahydrofuran	7.836	42	77669	106.001	ug/l	92
30) Chloroform	7.965	83	110591	21.209	ug/l	95
31) Cyclohexane	8.259	56	74860	18.376	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	106658	20.891	ug/l	98
36) 1,1-Dichloropropene	8.371	75	75775	19.658	ug/l	95
37) Ethyl Acetate	7.553	43	50724	21.014	ug/l	99
38) Carbon Tetrachloride	8.365	117	94544	20.527	ug/l	97
39) Methylcyclohexane	9.606	83	71623	17.886	ug/l	87
40) Benzene	8.606	78	218428	19.623	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28480	20.466	ug/l	94
42) 1,2-Dichloroethane	8.671	62	91110	22.104	ug/l	96
43) Isopropyl Acetate	8.688	43	88314	20.348	ug/l	96
44) Trichloroethene	9.353	130	57803	19.263	ug/l	98
45) 1,2-Dichloropropane	9.624	63	53858	20.601	ug/l	95
46) Dibromomethane	9.706	93	39769	21.182	ug/l	88
47) Bromodichloromethane	9.888	83	86199	21.423	ug/l	99
48) Methyl methacrylate	9.683	41	50257	19.404	ug/l	95
49) 1,4-Dioxane	9.694	88	16362	416.788	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	254269	106.376	ug/l	100
52) Toluene	10.635	92	142256	20.230	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	91434	21.002	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	92566	19.893	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	54752	21.639	ug/l	98
56) Ethyl methacrylate	10.877	69	56950	20.330	ug/l	92
57) 1,3-Dichloropropane	11.165	76	92211	20.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	167823	94.898	ug/l	99
59) 2-Hexanone	11.194	43	184855	104.756	ug/l	98
60) Dibromochloromethane	11.359	129	62688	20.908	ug/l	97
61) 1,2-Dibromoethane	11.471	107	54605	20.852	ug/l	95
64) Tetrachloroethene	11.106	164	46716	18.164	ug/l	95
65) Chlorobenzene	11.894	112	145788	19.674	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	60415	20.778	ug/l	94
67) Ethyl Benzene	11.965	91	266238	19.540	ug/l	99
68) m/p-Xylenes	12.076	106	194744	38.679	ug/l	88
69) o-Xylene	12.400	106	95581	19.408	ug/l	88
70) Styrene	12.412	104	138042	19.460	ug/l	91
71) Bromoform	12.582	173	42425	20.008	ug/l #	98
73) Isopropylbenzene	12.694	105	246246	19.516	ug/l	99
74) N-amyl acetate	12.494	43	70321	19.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	67794	20.052	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64773m	20.672	ug/l	
77) Bromobenzene	12.982	156	60319	19.434	ug/l	99
78) n-propylbenzene	13.035	91	274100	19.703	ug/l	99
79) 2-Chlorotoluene	13.123	91	177636	19.559	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	214386	19.729	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	21761	18.234	ug/l #	75
82) 4-Chlorotoluene	13.223	91	180435	19.328	ug/l	96
83) tert-Butylbenzene	13.441	119	171142	19.231	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	216445	20.022	ug/l	98
85) sec-Butylbenzene	13.618	105	219160	19.251	ug/l	99
86) p-Isopropyltoluene	13.729	119	197207	19.185	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	107798	19.712	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107014	19.386	ug/l	96
89) n-Butylbenzene	14.059	91	159327	18.561	ug/l	98
90) Hexachloroethane	14.335	117	31183	19.102	ug/l	65
91) 1,2-Dichlorobenzene	14.106	146	101846	19.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15014	21.112	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	57801	20.048	ug/l	96
94) Hexachlorobutadiene	15.506	225	30970	18.868	ug/l	97
95) Naphthalene	15.641	128	170032	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54142	19.460	ug/l	97

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

