

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080498.D
 Acq On : 15 Dec 2023 13:03
 Operator : JC\MD
 Sample : VN1215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Quant Time: Dec 16 02:50:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	305783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	472443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	417766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214592	54.945	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.900%			
35) Dibromofluoromethane	8.165	113	161653	53.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	10.565	98	585082	52.372	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.853	95	216439	51.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75412	19.298	ug/l	100
3) Chloromethane	2.365	50	69995	16.840	ug/l	98
4) Vinyl Chloride	2.518	62	59775	17.912	ug/l	98
5) Bromomethane	2.959	94	28959	19.247	ug/l	90
6) Chloroethane	3.124	64	39239	18.298	ug/l	96
7) Trichlorofluoromethane	3.500	101	133583	19.736	ug/l	97
8) Diethyl Ether	3.953	74	39147	18.362	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	64310	20.046	ug/l	97
10) Methyl Iodide	4.594	142	46656	16.534	ug/l	98
11) Tert butyl alcohol	5.512	59	43263	94.057	ug/l	98
12) 1,1-Dichloroethene	4.336	96	60527	18.413	ug/l	96
13) Acrolein	4.171	56	33250	66.008	ug/l	99
14) Allyl chloride	5.018	41	74378	18.288	ug/l	94
15) Acrylonitrile	5.712	53	127468	98.078	ug/l	100
16) Acetone	4.418	43	82438	119.044	ug/l	97
17) Carbon Disulfide	4.706	76	158465	17.010	ug/l	97
18) Methyl Acetate	5.018	43	89645	20.118	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	216058	19.700	ug/l	98
20) Methylene Chloride	5.283	84	68029	18.356	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	65542	18.388	ug/l #	78
22) Diisopropyl ether	6.671	45	175732	20.020	ug/l	93
23) Vinyl Acetate	6.600	43	475587	94.333	ug/l	93
24) 1,1-Dichloroethane	6.571	63	120370	19.654	ug/l	98
25) 2-Butanone	7.482	43	137207	102.851	ug/l	92
26) 2,2-Dichloropropane	7.494	77	125242	19.999	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	77705	19.260	ug/l	88
28) Bromochloromethane	7.806	49	42941	18.261	ug/l	98
29) Tetrahydrofuran	7.841	42	93139	97.499	ug/l	91
30) Chloroform	7.965	83	139053	20.454	ug/l	97
31) Cyclohexane	8.259	56	94810	17.851	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	134191	20.160	ug/l	96
36) 1,1-Dichloropropene	8.371	75	98182	20.046	ug/l	96
37) Ethyl Acetate	7.553	43	58571	19.097	ug/l	99
38) Carbon Tetrachloride	8.365	117	119434	20.408	ug/l	100
39) Methylcyclohexane	9.600	83	93321	18.341	ug/l #	88
40) Benzene	8.606	78	281525	19.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35437	20.042	ug/l	93
42) 1,2-Dichloroethane	8.671	62	112441	21.469	ug/l	96
43) Isopropyl Acetate	8.688	43	106918	19.388	ug/l	97
44) Trichloroethene	9.353	130	72320	18.968	ug/l	98
45) 1,2-Dichloropropane	9.624	63	64957	19.555	ug/l	99
46) Dibromomethane	9.706	93	47907	20.083	ug/l	91
47) Bromodichloromethane	9.888	83	109464	21.411	ug/l	100
48) Methyl methacrylate	9.682	41	62204	18.902	ug/l	93
49) 1,4-Dioxane	9.694	88	19095	382.816	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	307762	101.334	ug/l	99
52) Toluene	10.629	92	177024	19.813	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	112162	20.277	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	118050	19.966	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	66154	20.577	ug/l	98
56) Ethyl methacrylate	10.876	69	69468	19.517	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	113483	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	185956	82.757	ug/l	99
59) 2-Hexanone	11.194	43	223002	99.460	ug/l	98
60) Dibromochloromethane	11.359	129	78552	20.620	ug/l	98
61) 1,2-Dibromoethane	11.470	107	65771	19.767	ug/l	98
64) Tetrachloroethene	11.106	164	61026	18.920	ug/l	99
65) Chlorobenzene	11.894	112	184095	19.809	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	76568	20.997	ug/l	94
67) Ethyl Benzene	11.965	91	336271	19.679	ug/l	94
68) m/p-Xylenes	12.070	106	255346	40.439	ug/l	90
69) o-Xylene	12.400	106	120181	19.459	ug/l	88
70) Styrene	12.412	104	177406	19.941	ug/l	93
71) Bromoform	12.582	173	51706	19.444	ug/l #	97
73) Isopropylbenzene	12.694	105	317147	19.725	ug/l	98
74) N-amyl acetate	12.494	43	87517	18.640	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	82003	19.033	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79420m	19.890	ug/l	
77) Bromobenzene	12.982	156	77134	19.502	ug/l	97
78) n-propylbenzene	13.035	91	354270	19.984	ug/l	99
79) 2-Chlorotoluene	13.123	91	225107	19.450	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	277915	20.070	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	27516	18.094	ug/l	87
82) 4-Chlorotoluene	13.223	91	229912	19.327	ug/l	98
83) tert-Butylbenzene	13.441	119	219400	19.346	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	275513	20.000	ug/l	96
85) sec-Butylbenzene	13.617	105	282773	19.492	ug/l	100
86) p-Isopropyltoluene	13.729	119	256451	19.578	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132565	19.023	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	132796	18.878	ug/l	95
89) n-Butylbenzene	14.059	91	211059	19.294	ug/l	98
90) Hexachloroethane	14.335	117	41321	19.863	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	128304	19.389	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18028	19.893	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	72607	19.762	ug/l	96
94) Hexachlorobutadiene	15.506	225	39023	18.656	ug/l	97
95) Naphthalene	15.641	128	212523	19.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70059	19.760	ug/l	99

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

