

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081949.D
 Acq On : 01 May 2024 12:15
 Operator : JC\MD
 Sample : VN0501WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 01:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	396943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165757	49.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.760%		
35) Dibromofluoromethane	8.165	113	119296	49.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.565	98	485986	51.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.560%		
62) 4-Bromofluorobenzene	12.847	95	168501	45.412	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47599	17.050	ug/l	100
3) Chloromethane	2.360	50	52570	18.050	ug/l #	83
4) Vinyl Chloride	2.518	62	50323	19.088	ug/l	96
5) Bromomethane	2.959	94	24294	18.423	ug/l	89
6) Chloroethane	3.118	64	28282	21.225	ug/l	98
7) Trichlorofluoromethane	3.501	101	69474	17.035	ug/l	96
8) Diethyl Ether	3.959	74	37524	21.660	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	45167	19.076	ug/l	93
10) Methyl Iodide	4.595	142	45339	21.863	ug/l	94
11) Tert butyl alcohol	5.512	59	57868	94.836	ug/l	98
12) 1,1-Dichloroethene	4.348	96	48090	19.965	ug/l	94
13) Acrolein	4.183	56	40687	80.513	ug/l	100
14) Allyl chloride	5.018	41	85576	16.796	ug/l #	89
15) Acrylonitrile	5.712	53	153094	104.486	ug/l	96
16) Acetone	4.418	43	104197	101.735	ug/l	91
17) Carbon Disulfide	4.712	76	127227	17.573	ug/l	98
18) Methyl Acetate	5.018	43	68616	20.182	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	183164	20.152	ug/l	92
20) Methylene Chloride	5.283	84	57462	19.976	ug/l #	90
21) trans-1,2-Dichloroethene	5.795	96	49373	18.799	ug/l	94
22) Diisopropyl ether	6.665	45	199783	20.263	ug/l #	92
23) Vinyl Acetate	6.606	43	787914m	98.355	ug/l	
24) 1,1-Dichloroethane	6.571	63	106729	20.798	ug/l	97
25) 2-Butanone	7.483	43	188940	99.177	ug/l	94
26) 2,2-Dichloropropane	7.495	77	86078	18.234	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	64937	21.159	ug/l	90
28) Bromochloromethane	7.812	49	54442	22.321	ug/l #	75
29) Tetrahydrofuran	7.836	42	126369	92.500	ug/l	94
30) Chloroform	7.971	83	99057	19.474	ug/l	99
31) Cyclohexane	8.259	56	93607	18.512	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	79570	17.541	ug/l	93
36) 1,1-Dichloropropene	8.371	75	70277	18.075	ug/l	95
37) Ethyl Acetate	7.565	43	81953	19.495	ug/l	97
38) Carbon Tetrachloride	8.365	117	64016	16.846	ug/l	98
39) Methylcyclohexane	9.600	83	88304	18.700	ug/l	99
40) Benzene	8.606	78	231686	19.850	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	46612	17.377	ug/l	89
42) 1,2-Dichloroethane	8.671	62	77720	17.932	ug/l	99
43) Isopropyl Acetate	8.689	43	145628	18.423	ug/l	96
44) Trichloroethene	9.353	130	48672	18.087	ug/l	88
45) 1,2-Dichloropropane	9.624	63	61220	20.041	ug/l	94
46) Dibromomethane	9.706	93	37289	17.662	ug/l	93
47) Bromodichloromethane	9.888	83	80146	18.000	ug/l #	97
48) Methyl methacrylate	9.683	41	67024	17.762	ug/l	88
49) 1,4-Dioxane	9.694	88	22345	389.600	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	417485	93.821	ug/l	95
52) Toluene	10.630	92	140816	20.146	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	88655	18.299	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	95976	19.221	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	54995	20.006	ug/l	97
56) Ethyl methacrylate	10.877	69	99087	18.929	ug/l	90
57) 1,3-Dichloropropane	11.165	76	99627	20.385	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	242434	101.666	ug/l	94
59) 2-Hexanone	11.194	43	311230	93.983	ug/l	98
60) Dibromochloromethane	11.359	129	54259	18.635	ug/l	98
61) 1,2-Dibromoethane	11.471	107	53225	20.246	ug/l	97
64) Tetrachloroethene	11.106	164	44384	17.743	ug/l	96
65) Chlorobenzene	11.894	112	149023	19.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	46606	19.066	ug/l	94
67) Ethyl Benzene	11.965	91	263491	18.837	ug/l	98
68) m/p-Xylenes	12.071	106	196357	39.355	ug/l	98
69) o-Xylene	12.400	106	93754	19.247	ug/l	90
70) Styrene	12.412	104	162796	19.319	ug/l	97
71) Bromoform	12.582	173	32632	16.980	ug/l #	100
73) Isopropylbenzene	12.694	105	239118	19.389	ug/l	99
74) N-amyl acetate	12.494	43	127274	18.536	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	73344	19.804	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	66998m	18.629	ug/l	
77) Bromobenzene	12.982	156	50730	19.657	ug/l	73
78) n-propylbenzene	13.035	91	288672	19.270	ug/l	97
79) 2-Chlorotoluene	13.129	91	173523	18.206	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	192765	18.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	30196	17.204	ug/l	93
82) 4-Chlorotoluene	13.224	91	172801	18.675	ug/l	95
83) tert-Butylbenzene	13.441	119	162830	18.736	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	195226	18.732	ug/l	100
85) sec-Butylbenzene	13.618	105	232417	18.985	ug/l	97
86) p-Isopropyltoluene	13.729	119	190620	19.393	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	97404	20.227	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	95160	20.068	ug/l	96
89) n-Butylbenzene	14.059	91	175913	19.227	ug/l	98
90) Hexachloroethane	14.335	117	36455	18.853	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	92811	20.105	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	14051	15.584	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	49219	19.058	ug/l	98
94) Hexachlorobutadiene	15.500	225	17522	18.407	ug/l	99
95) Naphthalene	15.641	128	188461	19.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	49301	19.883	ug/l	98

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

