

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082553.D
 Acq On : 13 Jun 2024 12:42
 Operator : JC\MD
 Sample : VN0613WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

Quant Time: Jun 14 02:26:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	167668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118808	44.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.760%		
35) Dibromofluoromethane	8.171	113	86682	49.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	10.571	98	300808	44.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.080%		
62) 4-Bromofluorobenzene	12.853	95	109074	45.247	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45592	18.860	ug/l	97
3) Chloromethane	2.359	50	50151	18.306	ug/l	96
4) Vinyl Chloride	2.512	62	49070	19.053	ug/l	95
5) Bromomethane	2.959	94	29475	19.910	ug/l	93
6) Chloroethane	3.118	64	33348	19.830	ug/l	95
7) Trichlorofluoromethane	3.501	101	65919	19.546	ug/l	99
8) Diethyl Ether	3.959	74	21906	18.233	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	38388	19.485	ug/l	98
10) Methyl Iodide	4.589	142	34554	17.447	ug/l	97
11) Tert butyl alcohol	5.518	59	38328	90.187	ug/l	99
12) 1,1-Dichloroethene	4.336	96	35212	19.230	ug/l #	79
13) Acrolein	4.183	56	28410	90.210	ug/l	98
14) Allyl chloride	5.024	41	67014	17.093	ug/l #	91
15) Acrylonitrile	5.718	53	108421	98.505	ug/l	99
16) Acetone	4.430	43	104252	95.991	ug/l	91
17) Carbon Disulfide	4.712	76	102337	17.304	ug/l	98
18) Methyl Acetate	5.030	43	57573	21.286	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	125784	18.793	ug/l	92
20) Methylene Chloride	5.277	84	41400	18.893	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	37394	18.739	ug/l	88
22) Diisopropyl ether	6.677	45	152032	18.571	ug/l #	93
23) Vinyl Acetate	6.606	43	582715	90.282	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	80335	19.039	ug/l	98
25) 2-Butanone	7.488	43	157359	95.564	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	69052	19.538	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	44490	18.892	ug/l	81
28) Bromochloromethane	7.818	49	33049	17.432	ug/l #	76
29) Tetrahydrofuran	7.841	42	102675	97.117	ug/l #	82
30) Chloroform	7.965	83	78586	19.503	ug/l	99
31) Cyclohexane	8.259	56	69585	16.456	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	70570	19.741	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	53409	18.077	ug/l	99
37) Ethyl Acetate	7.559	43	63872	19.317	ug/l #	94
38) Carbon Tetrachloride	8.365	117	60534	20.211	ug/l	97
39) Methylcyclohexane	9.600	83	56045	17.306	ug/l #	83
40) Benzene	8.606	78	168854	19.165	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36978	19.016	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	64438	19.017	ug/l	95
43) Isopropyl Acetate	8.688	43	111203	18.980	ug/l #	90
44) Trichloroethene	9.353	130	38512	19.243	ug/l	93
45) 1,2-Dichloropropane	9.624	63	44192	19.440	ug/l	95
46) Dibromomethane	9.706	93	29420	19.713	ug/l	98
47) Bromodichloromethane	9.888	83	63609	20.189	ug/l	94
48) Methyl methacrylate	9.682	41	52578	18.833	ug/l #	82
49) 1,4-Dioxane	9.694	88	17277	441.639	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	325831	97.882	ug/l	91
52) Toluene	10.629	92	103821	19.636	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63729	19.558	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	68040	19.727	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	39773	20.700	ug/l	97
56) Ethyl methacrylate	10.877	69	61409	18.825	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	68973	19.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	150579	89.491	ug/l	92
59) 2-Hexanone	11.194	43	237054	97.257	ug/l	89
60) Dibromochloromethane	11.359	129	46428	21.896	ug/l	100
61) 1,2-Dibromoethane	11.471	107	39044	19.784	ug/l	100
64) Tetrachloroethene	11.106	164	36764	19.177	ug/l	93
65) Chlorobenzene	11.894	112	110635	19.363	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	40213	21.366	ug/l	98
67) Ethyl Benzene	11.965	91	188946	18.486	ug/l	98
68) m/p-Xylenes	12.071	106	143412	38.282	ug/l	95
69) o-Xylene	12.400	106	67642	18.640	ug/l	93
70) Styrene	12.412	104	115178	19.109	ug/l	98
71) Bromoform	12.576	173	29149	19.901	ug/l #	97
73) Isopropylbenzene	12.694	105	169828	17.162	ug/l	99
74) N-amyl acetate	12.494	43	88770	16.308	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	53936	18.908	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51242m	19.545	ug/l	
77) Bromobenzene	12.982	156	42167	17.880	ug/l	86
78) n-propylbenzene	13.035	91	205759	17.559	ug/l	96
79) 2-Chlorotoluene	13.129	91	127401	17.314	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	141958	17.741	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	19829m	17.690	ug/l	
82) 4-Chlorotoluene	13.223	91	126459	17.577	ug/l	96
83) tert-Butylbenzene	13.441	119	119625	17.089	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	143263	17.500	ug/l	99
85) sec-Butylbenzene	13.618	105	167279	17.240	ug/l	98
86) p-Isopropyltoluene	13.729	119	138376	17.548	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	77049	18.034	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	77434	17.758	ug/l	97
89) n-Butylbenzene	14.059	91	115849	16.345	ug/l	98
90) Hexachloroethane	14.335	117	28928	19.800	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	74214	18.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10941	18.668	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	36943	16.296	ug/l	99
94) Hexachlorobutadiene	15.506	225	17240	17.332	ug/l	96
95) Naphthalene	15.641	128	115544	16.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38745	17.073	ug/l	99

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

