

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082434.D
 Acq On : 03 Jun 2024 15:11
 Operator : JC\MD
 Sample : VN0603WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:29:40 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	8.229	168	154443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	246803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134556	55.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.360%			
35) Dibromofluoromethane	8.171	113	94139	56.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.980%			
50) Toluene-d8	10.571	98	320031	50.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.853	95	118724	52.064	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38575	17.324	ug/l	92
3) Chloromethane	2.359	50	46216	18.314	ug/l	99
4) Vinyl Chloride	2.512	62	44464	18.742	ug/l	97
5) Bromomethane	2.947	94	26945	19.760	ug/l	96
6) Chloroethane	3.118	64	32415	20.926	ug/l	98
7) Trichlorofluoromethane	3.495	101	63857	20.556	ug/l	99
8) Diethyl Ether	3.959	74	26542	23.983	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	37816	20.839	ug/l	96
10) Methyl Iodide	4.583	142	33865	18.563	ug/l #	96
11) Tert butyl alcohol	5.530	59	53295	136.143	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33956	20.132	ug/l	81
13) Acrolein	4.183	56	28516	98.301	ug/l	97
14) Allyl chloride	5.018	41	73403	20.326	ug/l #	90
15) Acrylonitrile	5.718	53	133291	131.471	ug/l	99
16) Acetone	4.430	43	124970	124.921	ug/l	92
17) Carbon Disulfide	4.712	76	82387	15.123	ug/l	99
18) Methyl Acetate	5.024	43	75656	30.367	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	151401	24.557	ug/l	91
20) Methylene Chloride	5.283	84	45587	22.586	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	35826	19.491	ug/l #	75
22) Diisopropyl ether	6.671	45	172741	22.908	ug/l #	90
23) Vinyl Acetate	6.606	43	698796	117.537	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	86014	22.130	ug/l	95
25) 2-Butanone	7.488	43	195107	128.634	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	65372	20.081	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	48494	22.355	ug/l	84
28) Bromochloromethane	7.812	49	35969	20.680	ug/l #	80
29) Tetrahydrofuran	7.841	42	128355	131.803	ug/l #	83
30) Chloroform	7.971	83	86188	23.221	ug/l	98
31) Cyclohexane	8.259	56	66384	17.043	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	72978	22.163	ug/l	95
36) 1,1-Dichloropropene	8.377	75	53521	19.150	ug/l	96
37) Ethyl Acetate	7.565	43	77572	24.801	ug/l #	95
38) Carbon Tetrachloride	8.365	117	60540	21.368	ug/l	99
39) Methylcyclohexane	9.606	83	53086	17.328	ug/l #	82
40) Benzene	8.606	78	177109	21.251	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	46177	25.103	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	75090	23.426	ug/l	95
43) Isopropyl Acetate	8.694	43	183041	33.027	ug/l #	80
44) Trichloroethene	9.353	130	38226	20.192	ug/l	95
45) 1,2-Dichloropropane	9.624	63	48862	22.723	ug/l	98
46) Dibromomethane	9.712	93	32794	23.229	ug/l	100
47) Bromodichloromethane	9.894	83	71263	23.911	ug/l	99
48) Methyl methacrylate	9.682	41	64479	24.416	ug/l #	82
49) 1,4-Dioxane	9.700	88	21080	569.643	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	419587	133.249	ug/l	89
52) Toluene	10.629	92	107815	21.557	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	72491	23.518	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	74879	22.950	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	44914	24.711	ug/l	96
56) Ethyl methacrylate	10.876	69	76568	24.813	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	80540	23.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	164957	103.637	ug/l	91
59) 2-Hexanone	11.200	43	309982	134.445	ug/l	88
60) Dibromochloromethane	11.359	129	52377	26.113	ug/l	97
61) 1,2-Dibromoethane	11.470	107	44229	23.692	ug/l	98
64) Tetrachloroethene	11.106	164	32653	17.850	ug/l	95
65) Chlorobenzene	11.894	112	119579	21.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	44109	24.560	ug/l	100
67) Ethyl Benzene	11.965	91	202347	20.746	ug/l	95
68) m/p-Xylenes	12.076	106	148326	41.494	ug/l	91
69) o-Xylene	12.400	106	72579	20.961	ug/l	89
70) Styrene	12.412	104	127212	22.118	ug/l	97
71) Bromoform	12.582	173	35713	25.353	ug/l #	96
73) Isopropylbenzene	12.694	105	184064	20.746	ug/l	99
74) N-amyl acetate	12.494	43	114796	23.522	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	68571	26.811	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	63886m	27.179	ug/l	
77) Bromobenzene	12.982	156	47291	22.366	ug/l	86
78) n-propylbenzene	13.041	91	217949	20.745	ug/l	96
79) 2-Chlorotoluene	13.129	91	138770	21.034	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	152045	21.193	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	23647m	23.530	ug/l	
82) 4-Chlorotoluene	13.223	91	135585	21.020	ug/l	96
83) tert-Butylbenzene	13.441	119	130050	20.721	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	154566	21.059	ug/l	99
85) sec-Butylbenzene	13.617	105	179100	20.588	ug/l	98
86) p-Isopropyltoluene	13.729	119	147017	20.794	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	82309	21.487	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	83737	21.418	ug/l	96
89) n-Butylbenzene	14.059	91	123213	19.389	ug/l	98
90) Hexachloroethane	14.335	117	30250	23.093	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	83950	23.152	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14291	27.196	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	41176	20.259	ug/l	98
94) Hexachlorobutadiene	15.506	225	17557	19.686	ug/l	99
95) Naphthalene	15.641	128	152765	23.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42628	20.951	ug/l	95

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

