

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082431.D
 Acq On : 03 Jun 2024 13:49
 Operator : JC\MD
 Sample : VN0603WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS02

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 00:27:56 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	176581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	301395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	137370	49.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	98126	52.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.860%		
50) Toluene-d8	10.570	98	350315	49.283	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.853	95	129849	51.180	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	102.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46285	18.181	ug/l	97
3) Chloromethane	2.365	50	52308	18.130	ug/l	100
4) Vinyl Chloride	2.512	62	52697	19.428	ug/l	95
5) Bromomethane	2.953	94	30050	19.274	ug/l	97
6) Chloroethane	3.118	64	35399	19.987	ug/l	96
7) Trichlorofluoromethane	3.500	101	73064	20.571	ug/l	97
8) Diethyl Ether	3.965	74	26890	21.252	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	42090	20.286	ug/l	99
10) Methyl Iodide	4.594	142	37588	18.021	ug/l	99
11) Tert butyl alcohol	5.524	59	50751	113.390	ug/l	100
12) 1,1-Dichloroethene	4.336	96	39096	20.273	ug/l	83
13) Acrolein	4.183	56	29181	87.982	ug/l	97
14) Allyl chloride	5.030	41	78899	19.109	ug/l #	90
15) Acrylonitrile	5.724	53	132904	114.654	ug/l	99
16) Acetone	4.430	43	126152	110.293	ug/l	89
17) Carbon Disulfide	4.712	76	97230	15.610	ug/l	98
18) Methyl Acetate	5.030	43	72632	25.499	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	155941	22.123	ug/l	92
20) Methylene Chloride	5.283	84	46732	20.250	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	40867	19.446	ug/l #	82
22) Diisopropyl ether	6.671	45	183291	21.259	ug/l #	90
23) Vinyl Acetate	6.606	43	712378	104.800	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	91684	20.632	ug/l	97
25) 2-Butanone	7.488	43	194076	111.913	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	79097	21.250	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	52951	21.350	ug/l	82
28) Bromochloromethane	7.812	49	38506	19.332	ug/l #	74
29) Tetrahydrofuran	7.841	42	127667	114.661	ug/l #	83
30) Chloroform	7.965	83	93067	21.931	ug/l	97
31) Cyclohexane	8.259	56	78373	17.599	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	81247	21.581	ug/l	96
36) 1,1-Dichloropropene	8.376	75	62158	19.990	ug/l	97
37) Ethyl Acetate	7.565	43	78269	22.491	ug/l	95
38) Carbon Tetrachloride	8.365	117	68697	21.794	ug/l	97
39) Methylcyclohexane	9.606	83	61535	18.054	ug/l #	83
40) Benzene	8.606	78	194720	20.999	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	46496	22.719	ug/l #	84
42) 1,2-Dichloroethane	8.676	62	77735	21.797	ug/l	95
43) Isopropyl Acetate	8.694	43	156871	25.440	ug/l #	85
44) Trichloroethene	9.353	130	43092	20.458	ug/l	96
45) 1,2-Dichloropropane	9.623	63	50713	21.197	ug/l	96
46) Dibromomethane	9.712	93	35201	22.411	ug/l	97
47) Bromodichloromethane	9.888	83	73583	22.191	ug/l	99
48) Methyl methacrylate	9.682	41	66636	22.679	ug/l #	81
49) 1,4-Dioxane	9.700	88	20406	495.625	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	415044	118.467	ug/l	90
52) Toluene	10.629	92	120179	21.597	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75845	22.116	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	80749	22.244	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	46755	23.121	ug/l	99
56) Ethyl methacrylate	10.876	69	75610	22.023	ug/l #	65
57) 1,3-Dichloropropane	11.165	76	82155	21.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	167009	94.308	ug/l	89
59) 2-Hexanone	11.200	43	307149	119.735	ug/l	88
60) Dibromochloromethane	11.359	129	56681	25.399	ug/l	99
61) 1,2-Dibromoethane	11.470	107	46118	22.203	ug/l	98
64) Tetrachloroethene	11.106	164	42441	21.177	ug/l	95
65) Chlorobenzene	11.894	112	129430	21.668	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.964	131	47137	23.957	ug/l	98
67) Ethyl Benzene	11.964	91	224248	20.986	ug/l	97
68) m/p-Xylenes	12.076	106	166628	42.548	ug/l	93
69) o-Xylene	12.400	106	81960	21.605	ug/l	92
70) Styrene	12.412	104	139059	22.069	ug/l	97
71) Bromoform	12.582	173	36904	23.953	ug/l #	98
73) Isopropylbenzene	12.700	105	211535	21.321	ug/l	98
74) N-amyl acetate	12.494	43	114156	20.918	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	66974	23.418	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	64027m	24.359	ug/l	
77) Bromobenzene	12.982	156	51035	21.585	ug/l	87
78) n-propylbenzene	13.041	91	247220	21.043	ug/l	96
79) 2-Chlorotoluene	13.129	91	152220	20.633	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	174779	21.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	24288m	21.612	ug/l	
82) 4-Chlorotoluene	13.223	91	155116	21.505	ug/l	93
83) tert-Butylbenzene	13.441	119	150488	21.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	174723	21.288	ug/l	99
85) sec-Butylbenzene	13.617	105	205826	21.158	ug/l	99
86) p-Isopropyltoluene	13.729	119	169240	21.407	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	92388	21.568	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	93358	21.354	ug/l	97
89) n-Butylbenzene	14.058	91	148152	20.849	ug/l	98
90) Hexachloroethane	14.335	117	33111	22.605	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	90040	22.206	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14257	24.263	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	47862	21.059	ug/l	98
94) Hexachlorobutadiene	15.505	225	20568	20.624	ug/l	96
95) Naphthalene	15.641	128	215947	30.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49502	21.757	ug/l	98

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

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