

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078401.D
 Acq On : 26 Jun 2023 13:14
 Operator : JC\MD
 Sample : VN0626WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS02

Quant Time: Jun 27 02:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	393405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	707182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	609268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278471	53.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.180%			
35) Dibromofluoromethane	8.177	113	230768	51.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	10.570	98	817989	47.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.900%			
62) 4-Bromofluorobenzene	12.859	95	261276	48.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	75791	17.043	ug/l	95
3) Chloromethane	2.371	50	90323	20.514	ug/l	96
4) Vinyl Chloride	2.524	62	126986	21.807	ug/l	99
5) Bromomethane	2.959	94	91524	20.797	ug/l	96
6) Chloroethane	3.130	64	99597	25.090	ug/l	92
7) Trichlorofluoromethane	3.500	101	205416	26.013	ug/l	92
8) Diethyl Ether	3.971	74	57148	20.597	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	83973	20.150	ug/l	96
10) Methyl Iodide	4.600	142	113017	19.176	ug/l	97
11) Tert butyl alcohol	5.530	59	77525	107.039	ug/l	96
12) 1,1-Dichloroethene	4.353	96	79872	18.592	ug/l	90
13) Acrolein	4.194	56	68677	86.036	ug/l	98
14) Allyl chloride	5.036	41	119326	22.754	ug/l	94
15) Acrylonitrile	5.736	53	208973	111.914	ug/l	98
16) Acetone	4.441	43	163084	108.018	ug/l	89
17) Carbon Disulfide	4.718	76	211550	19.132	ug/l	99
18) Methyl Acetate	5.036	43	149818	21.553	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	285530	20.831	ug/l	100
20) Methylene Chloride	5.283	84	104338	20.913	ug/l #	94
21) trans-1,2-Dichloroethene	5.794	96	93071	20.087	ug/l	95
22) Diisopropyl ether	6.683	45	272704	22.107	ug/l	97
23) Vinyl Acetate	6.618	43	807503	110.124	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	172124	21.152	ug/l	99
25) 2-Butanone	7.494	43	260787	112.324	ug/l	90
26) 2,2-Dichloropropane	7.494	77	143804	23.934	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	109063	19.733	ug/l	93
28) Bromochloromethane	7.824	49	86531	23.160	ug/l	90
29) Tetrahydrofuran	7.847	42	166685	107.394	ug/l	89
30) Chloroform	7.977	83	188669	21.531	ug/l	93
31) Cyclohexane	8.271	56	132400	19.677	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	158382	20.588	ug/l	95
36) 1,1-Dichloropropene	8.377	75	135861	21.183	ug/l	96
37) Ethyl Acetate	7.571	43	111602	22.274	ug/l #	95
38) Carbon Tetrachloride	8.371	117	141059	20.829	ug/l	93
39) Methylcyclohexane	9.606	83	112842	16.977	ug/l #	89
40) Benzene	8.612	78	408312	21.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	58967	21.713	ug/l	94
42) 1,2-Dichloroethane	8.676	62	144129	21.954	ug/l	98
43) Isopropyl Acetate	8.694	43	195758	20.429	ug/l	93
44) Trichloroethene	9.359	130	102470	20.264	ug/l	96
45) 1,2-Dichloropropane	9.629	63	103116	21.645	ug/l	93
46) Dibromomethane	9.712	93	78376	22.336	ug/l	99
47) Bromodichloromethane	9.894	83	148816	22.831	ug/l	100
48) Methyl methacrylate	9.688	41	89608	22.284	ug/l	89
49) 1,4-Dioxane	9.700	88	38126	451.104	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	566058	112.183	ug/l	93
52) Toluene	10.641	92	256818	21.243	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	152247	22.428	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	165288	22.027	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	101188	22.126	ug/l	91
56) Ethyl methacrylate	10.882	69	142925	21.463	ug/l	91
57) 1,3-Dichloropropane	11.170	76	173834	22.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	283296	105.313	ug/l	92
59) 2-Hexanone	11.200	43	388398	110.548	ug/l	93
60) Dibromochloromethane	11.365	129	109529	21.887	ug/l	97
61) 1,2-Dibromoethane	11.476	107	107666	22.434	ug/l	97
64) Tetrachloroethene	11.112	164	84692	20.836	ug/l	97
65) Chlorobenzene	11.900	112	266691	20.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	102569	21.373	ug/l	98
67) Ethyl Benzene	11.970	91	463108	20.570	ug/l	98
68) m/p-Xylenes	12.076	106	345819	40.305	ug/l	97
69) o-Xylene	12.406	106	170917	20.285	ug/l	96
70) Styrene	12.417	104	272295	20.528	ug/l	96
71) Bromoform	12.582	173	69288	22.373	ug/l #	97
73) Isopropylbenzene	12.700	105	412886	19.217	ug/l	99
74) N-amyl acetate	12.500	43	148022	20.921	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	146238	23.447	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	114164m	21.254	ug/l	
77) Bromobenzene	12.982	156	100826	20.215	ug/l	98
78) n-propylbenzene	13.041	91	456540	19.557	ug/l	99
79) 2-Chlorotoluene	13.129	91	299143	19.852	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	332043	19.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	37067	21.202	ug/l	88
82) 4-Chlorotoluene	13.229	91	274729	19.535	ug/l	97
83) tert-Butylbenzene	13.441	119	272793	18.041	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	330569	19.601	ug/l	99
85) sec-Butylbenzene	13.623	105	348094	17.588	ug/l	98
86) p-Isopropyltoluene	13.735	119	282460	17.587	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	163189	19.343	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	153982	18.915	ug/l	98
89) n-Butylbenzene	14.064	91	204398	16.135	ug/l	97
90) Hexachloroethane	14.341	117	54801	19.227	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	162955	19.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21787	20.472	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	43212	14.709	ug/l	98
94) Hexachlorobutadiene	15.511	225	26591	16.681	ug/l	99
95) Naphthalene	15.647	128	134544	13.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50855	15.478	ug/l	99

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

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