

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082786.D
 Acq On : 02 Jul 2024 15:10
 Operator : JC\MD
 Sample : VN0702WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 03 01:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	213490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98318	45.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.200%
35) Dibromofluoromethane	8.171	113	77173	48.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.565	98	274603	45.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.853	95	100590	48.861	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	35370	16.392	ug/l	97
3) Chloromethane	2.359	50	30464	13.489	ug/l	97
4) Vinyl Chloride	2.518	62	32801	13.707	ug/l	98
5) Bromomethane	2.959	94	22744	13.359	ug/l	97
6) Chloroethane	3.124	64	22143	13.118	ug/l	95
7) Trichlorofluoromethane	3.501	101	52121	17.570	ug/l	98
8) Diethyl Ether	3.959	74	19522	21.042	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	29895	17.665	ug/l	98
10) Methyl Iodide	4.589	142	28803	18.561	ug/l #	91
11) Tert butyl alcohol	5.524	59	32473	93.264	ug/l	98
12) 1,1-Dichloroethene	4.342	96	27389	17.350	ug/l	88
13) Acrolein	4.183	56	21073	99.489	ug/l	99
14) Allyl chloride	5.030	41	40419	17.041	ug/l #	93
15) Acrylonitrile	5.724	53	75154	81.144	ug/l	99
16) Acetone	4.430	43	63558	76.958	ug/l	98
17) Carbon Disulfide	4.718	76	70530	13.641	ug/l	99
18) Methyl Acetate	5.024	43	34683	15.797	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	102293	19.543	ug/l	92
20) Methylene Chloride	5.283	84	31891	15.260	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	28528	16.747	ug/l	88
22) Diisopropyl ether	6.677	45	97271	17.627	ug/l	96
23) Vinyl Acetate	6.606	43	389465	88.395	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	56517	16.870	ug/l	98
25) 2-Butanone	7.489	43	101706	80.606	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	50856	23.661	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	35827	17.875	ug/l	89
28) Bromochloromethane	7.812	49	23527	16.056	ug/l #	76
29) Tetrahydrofuran	7.841	42	66069	81.204	ug/l #	83
30) Chloroform	7.971	83	60136	16.837	ug/l	100
31) Cyclohexane	8.253	56	48184	15.688	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	54908	17.412	ug/l	93
36) 1,1-Dichloropropene	8.371	75	40981	17.787	ug/l	99
37) Ethyl Acetate	7.559	43	43371	17.417	ug/l #	93
38) Carbon Tetrachloride	8.365	117	49670	18.433	ug/l	98
39) Methylcyclohexane	9.606	83	43581	18.219	ug/l #	84
40) Benzene	8.606	78	126326	16.714	ug/l	100

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 Supervised By :Mahesh
 Padoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	21851	17.018	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	47025	17.326	ug/l		97
43) Isopropyl Acetate	8.688	43	84752	19.583	ug/l		97
44) Trichloroethene	9.353	130	32237	18.370	ug/l		98
45) 1,2-Dichloropropane	9.624	63	31306	17.090	ug/l		98
46) Dibromomethane	9.712	93	23827	17.808	ug/l		98
47) Bromodichloromethane	9.888	83	49468	18.144	ug/l		100
48) Methyl methacrylate	9.682	41	34303	17.900	ug/l	#	86
49) 1,4-Dioxane	9.700	88	14234	372.176	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	221218	86.855	ug/l		93
52) Toluene	10.629	92	82579	18.606	ug/l		96
53) t-1,3-Dichloropropene	10.835	75	52424	20.330	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	53377	19.688	ug/l		90
55) 1,1,2-Trichloroethane	11.018	97	31831	18.496	ug/l		95
56) Ethyl methacrylate	10.877	69	50525	19.520	ug/l		86
57) 1,3-Dichloropropane	11.165	76	54368	17.973	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	128228	98.334	ug/l		95
59) 2-Hexanone	11.194	43	161883	85.718	ug/l		91
60) Dibromochloromethane	11.359	129	38001	18.207	ug/l		98
61) 1,2-Dibromoethane	11.471	107	32309	17.868	ug/l		96
64) Tetrachloroethene	11.106	164	30718	19.208	ug/l		96
65) Chlorobenzene	11.894	112	90453	18.887	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	33265	19.988	ug/l		98
67) Ethyl Benzene	11.965	91	154409	19.537	ug/l		96
68) m/p-Xylenes	12.076	106	119071	40.490	ug/l		98
69) o-Xylene	12.400	106	57091	20.144	ug/l		98
70) Styrene	12.412	104	97507	20.265	ug/l		99
71) Bromoform	12.576	173	25970	19.953	ug/l	#	99
73) Isopropylbenzene	12.700	105	146168	20.610	ug/l		99
74) N-amyl acetate	12.494	43	62963	19.891	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.941	83	43003	17.282	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	41126m	19.389	ug/l		
77) Bromobenzene	12.982	156	35629	20.216	ug/l		95
78) n-propylbenzene	13.035	91	166960	19.938	ug/l		99
79) 2-Chlorotoluene	13.123	91	104332	19.880	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	121315	20.824	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	16978m	20.875	ug/l		
82) 4-Chlorotoluene	13.223	91	101465	19.593	ug/l		96
83) tert-Butylbenzene	13.441	119	104213	21.256	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	122848	21.334	ug/l		99
85) sec-Butylbenzene	13.618	105	140477	20.449	ug/l		100
86) p-Isopropyltoluene	13.729	119	116538	21.174	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	64580	19.136	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	65000	18.505	ug/l		97
89) n-Butylbenzene	14.059	91	98826	20.277	ug/l		98
90) Hexachloroethane	14.335	117	22818	18.671	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	64853	20.234	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9332	19.907	ug/l		86
93) 1,2,4-Trichlorobenzene	15.394	180	35398	22.623	ug/l		98
94) Hexachlorobutadiene	15.500	225	14333	20.251	ug/l		96
95) Naphthalene	15.641	128	125055	24.063	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	35003	20.977	ug/l		98

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

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

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