

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083066.D
 Acq On : 30 Jul 2024 14:12
 Operator : JC\MD
 Sample : VN0730WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2024
 Supervised By : Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 30 16:41:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130600	57.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.140%			
35) Dibromofluoromethane	8.165	113	100679	57.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.220%			
50) Toluene-d8	10.571	98	349717	53.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.853	95	110555	47.266	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35575	16.981	ug/l	96
3) Chloromethane	2.359	50	28673	14.432	ug/l	99
4) Vinyl Chloride	2.518	62	34495	16.532	ug/l	95
5) Bromomethane	2.959	94	26862	17.855	ug/l	87
6) Chloroethane	3.118	64	29432	20.612	ug/l	96
7) Trichlorofluoromethane	3.495	101	61820	20.599	ug/l	100
8) Diethyl Ether	3.959	74	20564	20.021	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	37774	22.239	ug/l	99
10) Methyl Iodide	4.589	142	31320	17.985	ug/l #	93
11) Tert butyl alcohol	5.530	59	42442	111.243	ug/l	99
12) 1,1-Dichloroethene	4.342	96	29621	17.932	ug/l	87
13) Acrolein	4.183	56	26929	97.763	ug/l	99
14) Allyl chloride	5.024	41	44190	17.157	ug/l #	92
15) Acrylonitrile	5.718	53	98359	112.179	ug/l	100
16) Acetone	4.430	43	87422	109.465	ug/l	94
17) Carbon Disulfide	4.712	76	71098	14.404	ug/l	100
18) Methyl Acetate	5.024	43	68176	32.261	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	115619	20.290	ug/l	99
20) Methylene Chloride	5.277	84	42767	22.174	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	32620	18.225	ug/l #	82
22) Diisopropyl ether	6.677	45	121797	22.603	ug/l #	94
23) Vinyl Acetate	6.606	43	398366	93.095	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	71750	21.952	ug/l	98
25) 2-Butanone	7.483	43	128628	106.666	ug/l	91
26) 2,2-Dichloropropane	7.494	77	64479	21.217	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	43338	20.681	ug/l	89
28) Bromochloromethane	7.812	49	31585	22.526	ug/l	90
29) Tetrahydrofuran	7.841	42	81829	107.787	ug/l #	89
30) Chloroform	7.971	83	81548	23.518	ug/l	98
31) Cyclohexane	8.259	56	48490	16.351	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	68956	21.419	ug/l	97
36) 1,1-Dichloropropene	8.377	75	46469	19.118	ug/l	97
37) Ethyl Acetate	7.565	43	52501	21.216	ug/l	97
38) Carbon Tetrachloride	8.359	117	60914	20.814	ug/l	97
39) Methylcyclohexane	9.606	83	40645	15.480	ug/l	95
40) Benzene	8.606	78	155584	20.809	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29555	22.169	ug/l	93
42) 1,2-Dichloroethane	8.671	62	62691	23.291	ug/l	98
43) Isopropyl Acetate	8.694	43	89569	17.252	ug/l #	93
44) Trichloroethene	9.353	130	35978	18.782	ug/l	97
45) 1,2-Dichloropropane	9.624	63	40565	23.239	ug/l	98
46) Dibromomethane	9.712	93	31487	23.154	ug/l	100
47) Bromodichloromethane	9.888	83	66068	23.513	ug/l	93
48) Methyl methacrylate	9.688	41	39729	20.475	ug/l	88
49) 1,4-Dioxane	9.694	88	16454	384.500	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	285752	116.476	ug/l	95
52) Toluene	10.630	92	96494	20.660	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	60458	20.886	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	62804	20.498	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	42591	24.799	ug/l	91
56) Ethyl methacrylate	10.877	69	52680	19.716	ug/l	92
57) 1,3-Dichloropropane	11.165	76	68909	22.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	164877	120.254	ug/l	96
59) 2-Hexanone	11.200	43	207904	113.983	ug/l	99
60) Dibromochloromethane	11.359	129	50121	22.913	ug/l	98
61) 1,2-Dibromoethane	11.471	107	40609	22.265	ug/l	99
64) Tetrachloroethene	11.106	164	35285	18.555	ug/l	96
65) Chlorobenzene	11.894	112	109459	20.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43667	22.477	ug/l	98
67) Ethyl Benzene	11.965	91	167290	18.224	ug/l	99
68) m/p-Xylenes	12.076	106	128255	37.007	ug/l	97
69) o-Xylene	12.400	106	60561	18.237	ug/l	95
70) Styrene	12.412	104	107663	19.622	ug/l	98
71) Bromoform	12.582	173	33447	21.891	ug/l #	99
73) Isopropylbenzene	12.694	105	155097	17.205	ug/l	99
74) N-amyl acetate	12.494	43	66833	17.924	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	60749	22.502	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44185m	20.659	ug/l	
77) Bromobenzene	12.982	156	42457	18.257	ug/l	96
78) n-propylbenzene	13.035	91	184918	17.841	ug/l	99
79) 2-Chlorotoluene	13.123	91	114580	17.350	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	127362	17.479	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22544	20.730	ug/l	93
82) 4-Chlorotoluene	13.223	91	117457	17.969	ug/l	99
83) tert-Butylbenzene	13.441	119	106446	16.478	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	128063	17.243	ug/l	99
85) sec-Butylbenzene	13.618	105	149024	17.071	ug/l	100
86) p-Isopropyltoluene	13.729	119	121771	16.719	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	78235	18.622	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	77367	17.807	ug/l	98
89) n-Butylbenzene	14.059	91	98437	15.776	ug/l	98
90) Hexachloroethane	14.335	117	29308	19.017	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	75365	18.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12267	19.640	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35722	16.258	ug/l	99
94) Hexachlorobutadiene	15.500	225	16321	16.756	ug/l	97
95) Naphthalene	15.641	128	106644	14.171	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	37128	16.435	ug/l	100

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

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