

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082757.D
 Acq On : 01 Jul 2024 11:39
 Operator : JC\MD
 Sample : VN0701WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/02/2024
 Supervised By : Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:03:54 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	8.230	168	95048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	167347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	153377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	68776	46.921	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	8.171	113	53673	48.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	10.565	98	199814	48.493	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.847	95	66354	46.891	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27039	18.635	ug/l	94
3) Chloromethane	2.365	50	24753	16.299	ug/l	100
4) Vinyl Chloride	2.518	62	27761	17.251	ug/l	97
5) Bromomethane	2.959	94	19297	16.855	ug/l	99
6) Chloroethane	3.124	64	19490	17.171	ug/l	93
7) Trichlorofluoromethane	3.501	101	37296	18.697	ug/l	99
8) Diethyl Ether	3.959	74	12592	20.184	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	22309	19.604	ug/l	99
10) Methyl Iodide	4.595	142	20330	19.483	ug/l	100
11) Tert butyl alcohol	5.530	59	20783	88.766	ug/l	99
12) 1,1-Dichloroethene	4.342	96	20150	18.982	ug/l	89
13) Acrolein	4.183	56	16300	114.442	ug/l	98
14) Allyl chloride	5.024	41	29705	18.624	ug/l #	96
15) Acrylonitrile	5.724	53	54978	88.276	ug/l	100
16) Acetone	4.436	43	48660	87.621	ug/l	94
17) Carbon Disulfide	4.712	76	56724	16.315	ug/l	98
18) Methyl Acetate	5.030	43	24082	16.312	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	68562	19.480	ug/l	98
20) Methylene Chloride	5.289	84	23457	16.692	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	22004	19.209	ug/l	93
22) Diisopropyl ether	6.677	45	69813	18.814	ug/l #	95
23) Vinyl Acetate	6.606	43	278880	94.130	ug/l	96
24) 1,1-Dichloroethane	6.565	63	43586	19.348	ug/l	99
25) 2-Butanone	7.488	43	74861	88.232	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	38053	26.329	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	26320	19.528	ug/l	90
28) Bromochloromethane	7.818	49	17738	18.002	ug/l	87
29) Tetrahydrofuran	7.841	42	46722	85.398	ug/l #	87
30) Chloroform	7.965	83	45221	18.829	ug/l	94
31) Cyclohexane	8.259	56	35996	17.429	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	40649	19.170	ug/l	95
36) 1,1-Dichloropropene	8.371	75	29441	18.590	ug/l	97
37) Ethyl Acetate	7.559	43	30370	17.743	ug/l	97
38) Carbon Tetrachloride	8.365	117	35189	18.998	ug/l	98
39) Methylcyclohexane	9.600	83	31688	19.272	ug/l	95
40) Benzene	8.606	78	97263	18.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	15377	17.423	ug/l #	90
42) 1,2-Dichloroethane	8.671	62	34221	18.343	ug/l	99
43) Isopropyl Acetate	8.688	43	54033	18.142	ug/l #	93
44) Trichloroethene	9.353	130	22387	18.560	ug/l	91
45) 1,2-Dichloropropane	9.624	63	23935	19.009	ug/l	97
46) Dibromomethane	9.712	93	17270	18.778	ug/l	97
47) Bromodichloromethane	9.888	83	36271	19.354	ug/l #	98
48) Methyl methacrylate	9.682	41	23306	17.693	ug/l #	87
49) 1,4-Dioxane	9.700	88	9581	364.458	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	159500	91.106	ug/l	95
52) Toluene	10.629	92	59996	19.666	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	36203	20.425	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	38635	20.732	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	23244	19.649	ug/l	93
56) Ethyl methacrylate	10.877	69	33337	18.738	ug/l	87
57) 1,3-Dichloropropane	11.165	76	39256	18.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	85969	95.913	ug/l	97
59) 2-Hexanone	11.194	43	118333	91.158	ug/l	94
60) Dibromochloromethane	11.359	129	27412	19.107	ug/l	99
61) 1,2-Dibromoethane	11.465	107	23197	18.664	ug/l	99
64) Tetrachloroethene	11.106	164	22118	19.251	ug/l	96
65) Chlorobenzene	11.894	112	64824	18.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	23791	19.898	ug/l	99
67) Ethyl Benzene	11.965	91	108315	19.076	ug/l	95
68) m/p-Xylenes	12.071	106	84051	39.783	ug/l	98
69) o-Xylene	12.400	106	39704	19.500	ug/l	97
70) Styrene	12.412	104	66490	19.235	ug/l	98
71) Bromoform	12.576	173	17568	18.788	ug/l #	100
73) Isopropylbenzene	12.700	105	101198	19.723	ug/l	100
74) N-amyl acetate	12.494	43	42002	18.340	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	32457	18.029	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	29511m	19.230	ug/l	
77) Bromobenzene	12.982	156	25725	20.174	ug/l	97
78) n-propylbenzene	13.035	91	119469	19.719	ug/l	99
79) 2-Chlorotoluene	13.123	91	73409	19.333	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	85982	20.399	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	12273	20.857	ug/l	91
82) 4-Chlorotoluene	13.223	91	73115	19.514	ug/l	98
83) tert-Butylbenzene	13.441	119	70739	19.942	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	86047	20.654	ug/l	100
85) sec-Butylbenzene	13.618	105	99182	19.955	ug/l	100
86) p-Isopropyltoluene	13.729	119	81334	20.425	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	45511	18.639	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	45260	17.809	ug/l	96
89) n-Butylbenzene	14.059	91	67904	19.257	ug/l	99
90) Hexachloroethane	14.329	117	16705	18.893	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	44556	19.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6325	18.648	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	21287	18.804	ug/l	100
94) Hexachlorobutadiene	15.500	225	9540	18.630	ug/l	98
95) Naphthalene	15.641	128	69610	18.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21925	18.161	ug/l	98

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

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