

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081872.D
 Acq On : 26 Apr 2024 12:47
 Operator : JC\MD
 Sample : VN0426WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBS02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 22:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	246880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	452375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	377597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	188645	45.275	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.540%		
35) Dibromofluoromethane	8.171	113	134860	49.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	10.565	98	548184	51.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.500%		
62) 4-Bromofluorobenzene	12.847	95	193985	45.874	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58962	17.014	ug/l	100
3) Chloromethane	2.359	50	57467	15.895	ug/l	100
4) Vinyl Chloride	2.518	62	55804	17.051	ug/l	99
5) Bromomethane	2.965	94	27341	16.169	ug/l	98
6) Chloroethane	3.130	64	29749	17.985	ug/l	91
7) Trichlorofluoromethane	3.500	101	88497	17.481	ug/l	96
8) Diethyl Ether	3.965	74	38651	17.973	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	55364	18.836	ug/l	93
10) Methyl Iodide	4.594	142	48839	18.971	ug/l #	90
11) Tert butyl alcohol	5.524	59	55667	73.491	ug/l	96
12) 1,1-Dichloroethene	4.341	96	54895	18.359	ug/l	86
13) Acrolein	4.177	56	59632	96.421	ug/l	98
14) Allyl chloride	5.024	41	105891	16.742	ug/l #	88
15) Acrylonitrile	5.724	53	141262	77.665	ug/l	99
16) Acetone	4.436	43	106006	82.369	ug/l	99
17) Carbon Disulfide	4.712	76	147926	16.459	ug/l #	94
18) Methyl Acetate	5.024	43	70881	16.795	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	195472	17.324	ug/l	96
20) Methylene Chloride	5.277	84	58578	16.405	ug/l #	71
21) trans-1,2-Dichloroethene	5.783	96	55524	17.031	ug/l #	79
22) Diisopropyl ether	6.665	45	207018	16.915	ug/l #	93
23) Vinyl Acetate	6.600	43	847412	85.214	ug/l	95
24) 1,1-Dichloroethane	6.571	63	110790	17.392	ug/l	97
25) 2-Butanone	7.482	43	196046	82.898	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	103161	17.604	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	67975	17.843	ug/l	87
28) Bromochloromethane	7.818	49	56151	18.546	ug/l	83
29) Tetrahydrofuran	7.835	42	133631	78.797	ug/l	89
30) Chloroform	7.965	83	108533	17.188	ug/l	95
31) Cyclohexane	8.259	56	107201	17.079	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	92138	16.362	ug/l	95
36) 1,1-Dichloropropene	8.371	75	80626	18.195	ug/l	97
37) Ethyl Acetate	7.565	43	82739	17.270	ug/l	96
38) Carbon Tetrachloride	8.359	117	75024	17.324	ug/l	98
39) Methylcyclohexane	9.600	83	98453	18.295	ug/l	91
40) Benzene	8.606	78	247146	18.580	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	49092	16.059	ug/l	89
42) 1,2-Dichloroethane	8.665	62	80902	16.379	ug/l	99
43) Isopropyl Acetate	8.688	43	151459	16.813	ug/l	95
44) Trichloroethene	9.353	130	57273	18.675	ug/l	92
45) 1,2-Dichloropropane	9.623	63	63647	18.283	ug/l	98
46) Dibromomethane	9.712	93	41469	17.235	ug/l	92
47) Bromodichloromethane	9.888	83	84750	16.701	ug/l	99
48) Methyl methacrylate	9.682	41	69783	16.227	ug/l	89
49) 1,4-Dioxane	9.700	88	20319	310.864	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	426569	84.116	ug/l	94
52) Toluene	10.629	92	149832	18.809	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	95343	17.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	104522	18.367	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	54541	17.409	ug/l	97
56) Ethyl methacrylate	10.876	69	100519	16.850	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	99989	17.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	225270	82.892	ug/l	92
59) 2-Hexanone	11.194	43	323606	85.746	ug/l	95
60) Dibromochloromethane	11.359	129	58869	17.741	ug/l	99
61) 1,2-Dibromoethane	11.470	107	53513	17.862	ug/l	99
64) Tetrachloroethene	11.106	164	53927	19.664	ug/l	96
65) Chlorobenzene	11.894	112	152308	18.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48500	18.098	ug/l	93
67) Ethyl Benzene	11.964	91	281068	18.328	ug/l	97
68) m/p-Xylenes	12.070	106	206985	37.840	ug/l	90
69) o-Xylene	12.400	106	105189	19.697	ug/l	96
70) Styrene	12.412	104	174199	18.856	ug/l	94
71) Bromoform	12.576	173	34076	16.174	ug/l #	98
73) Isopropylbenzene	12.694	105	259227	18.091	ug/l	99
74) N-amyl acetate	12.494	43	130375	16.343	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	69306	16.107	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	66576m	15.933	ug/l	
77) Bromobenzene	12.982	156	55583	18.537	ug/l	80
78) n-propylbenzene	13.035	91	310249	17.825	ug/l	99
79) 2-Chlorotoluene	13.123	91	189686	17.130	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	212321	17.511	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35494	17.406	ug/l	88
82) 4-Chlorotoluene	13.223	91	186280	17.327	ug/l	92
83) tert-Butylbenzene	13.435	119	181360	17.961	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	215569	17.803	ug/l	96
85) sec-Butylbenzene	13.617	105	263768	18.545	ug/l	99
86) p-Isopropyltoluene	13.729	119	211808	18.546	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	100436	17.952	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	100791	18.294	ug/l	94
89) n-Butylbenzene	14.058	91	189868	17.861	ug/l	97
90) Hexachloroethane	14.335	117	40243	17.913	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	99211	18.498	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17076	16.300	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	57050	19.013	ug/l	97
94) Hexachlorobutadiene	15.505	225	21661	19.586	ug/l	98
95) Naphthalene	15.641	128	200536	17.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	56779	19.709	ug/l	97

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

