

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081577.D
 Acq On : 26 Mar 2024 13:50
 Operator : JC\MD
 Sample : VN0326WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2024
 Supervised By : Mahesh Dadoda 03/27/2024

Quant Time: Mar 27 04:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	327385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	572183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	518025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211370	50.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.171	113	184163	51.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.565	98	653737	50.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.847	95	232528	50.554	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71664	16.257	ug/l	98
3) Chloromethane	2.359	50	73847	16.825	ug/l	95
4) Vinyl Chloride	2.518	62	84323	17.119	ug/l	98
5) Bromomethane	2.959	94	64839	18.613	ug/l	98
6) Chloroethane	3.124	64	57124	16.891	ug/l	99
7) Trichlorofluoromethane	3.501	101	132441	18.041	ug/l	99
8) Diethyl Ether	3.959	74	45771	18.840	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.383	101	75762	18.163	ug/l #	89
10) Methyl Iodide	4.595	142	70388	16.945	ug/l	99
11) Tert butyl alcohol	5.518	59	65038	89.390	ug/l	100
12) 1,1-Dichloroethene	4.348	96	67618	17.501	ug/l #	77
13) Acrolein	4.177	56	68909	105.548	ug/l	92
14) Allyl chloride	5.024	41	83386	17.223	ug/l #	87
15) Acrylonitrile	5.718	53	169555	87.110	ug/l	98
16) Acetone	4.424	43	114559	84.905	ug/l	98
17) Carbon Disulfide	4.718	76	175424	15.822	ug/l	100
18) Methyl Acetate	5.030	43	81844	19.675	ug/l #	82
19) Methyl tert-butyl Ether	5.795	73	229090	18.946	ug/l	94
20) Methylene Chloride	5.277	84	79877	18.073	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	73547	17.072	ug/l	85
22) Diisopropyl ether	6.671	45	214501	19.068	ug/l #	93
23) Vinyl Acetate	6.600	43	812901	90.785	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	136768	18.152	ug/l #	97
25) 2-Butanone	7.477	43	196453	84.887	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	124237	19.011	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	90203	18.506	ug/l	85
28) Bromochloromethane	7.818	49	54560	17.779	ug/l #	53
29) Tetrahydrofuran	7.841	42	134366	86.185	ug/l #	79
30) Chloroform	7.965	83	149918	18.587	ug/l	98
31) Cyclohexane	8.253	56	114628	16.872	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	137254	18.756	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	102576	16.879	ug/l	93
37) Ethyl Acetate	7.559	43	83429	16.033	ug/l #	94
38) Carbon Tetrachloride	8.365	117	118975	17.872	ug/l	94
39) Methylcyclohexane	9.606	83	116254	17.130	ug/l	86
40) Benzene	8.606	78	315867	17.779	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48151	17.497	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	111059	17.763	ug/l	97
43) Isopropyl Acetate	8.688	43	146032	16.930	ug/l #	90
44) Trichloroethene	9.353	130	87677	17.546	ug/l	86
45) 1,2-Dichloropropane	9.624	63	82077	19.062	ug/l	90
46) Dibromomethane	9.712	93	60090	18.377	ug/l #	87
47) Bromodichloromethane	9.888	83	117925	18.445	ug/l #	94
48) Methyl methacrylate	9.683	41	69743	17.530	ug/l #	84
49) 1,4-Dioxane	9.700	88	32197	336.753	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	446913	84.910	ug/l	91
52) Toluene	10.630	92	203865	18.053	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	125120	18.124	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	134145	18.124	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	83821	18.445	ug/l	94
56) Ethyl methacrylate	10.877	69	110084	17.786	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	140955	18.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	302918	105.934	ug/l #	83
59) 2-Hexanone	11.194	43	327595	84.184	ug/l	90
60) Dibromochloromethane	11.359	129	89488	17.905	ug/l	99
61) 1,2-Dibromoethane	11.471	107	85189	18.387	ug/l	98
64) Tetrachloroethene	11.106	164	89430	18.061	ug/l	92
65) Chlorobenzene	11.894	112	224145	18.303	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	85418	18.820	ug/l	97
67) Ethyl Benzene	11.965	91	378175	17.778	ug/l	96
68) m/p-Xylenes	12.076	106	298331	37.410	ug/l	93
69) o-Xylene	12.400	106	144703	18.483	ug/l	91
70) Styrene	12.412	104	236793	18.754	ug/l	95
71) Bromoform	12.582	173	61691	18.088	ug/l #	98
73) Isopropylbenzene	12.694	105	371767	18.166	ug/l	97
74) N-amyl acetate	12.494	43	122279	16.511	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	104704	17.401	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	111083m	19.343	ug/l	
77) Bromobenzene	12.982	156	91482	18.096	ug/l	70
78) n-propylbenzene	13.035	91	439640	18.191	ug/l	95
79) 2-Chlorotoluene	13.129	91	265192	18.334	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	318436	18.839	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	41658	19.602	ug/l	97
82) 4-Chlorotoluene	13.223	91	262911	18.436	ug/l	96
83) tert-Butylbenzene	13.441	119	265899	18.242	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	317368	18.681	ug/l	94
85) sec-Butylbenzene	13.618	105	380859	18.278	ug/l	93
86) p-Isopropyltoluene	13.729	119	318016	18.671	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	166823	17.961	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	174078	18.100	ug/l	95
89) n-Butylbenzene	14.059	91	265537	17.581	ug/l	97
90) Hexachloroethane	14.335	117	56432	17.494	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	164463	18.397	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20897	16.319	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	84795	16.404	ug/l	96
94) Hexachlorobutadiene	15.500	225	38831	17.121	ug/l	95
95) Naphthalene	15.641	128	271696	16.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	89107	17.138	ug/l	97

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

