

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081187.D
 Acq On : 26 Feb 2024 11:54
 Operator : JC\MD
 Sample : VN0226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:04:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	311659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	575393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182755	47.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.165	113	156071	47.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	10.565	98	524420	45.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.760%		
62) 4-Bromofluorobenzene	12.853	95	200777	46.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79454	19.713	ug/l	91
3) Chloromethane	2.365	50	77465	16.833	ug/l	99
4) Vinyl Chloride	2.518	62	83427	18.635	ug/l #	89
5) Bromomethane	2.971	94	57075	17.949	ug/l	97
6) Chloroethane	3.124	64	55354	18.569	ug/l	99
7) Trichlorofluoromethane	3.506	101	128864	19.703	ug/l	100
8) Diethyl Ether	3.965	74	47203	19.740	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	74120	20.329	ug/l	94
10) Methyl Iodide	4.589	142	65443	16.080	ug/l	91
11) Tert butyl alcohol	5.512	59	61110	86.986	ug/l #	89
12) 1,1-Dichloroethene	4.347	96	69188	19.631	ug/l	85
13) Acrolein	4.177	56	39284	104.329	ug/l	95
14) Allyl chloride	5.024	41	99840	19.092	ug/l #	90
15) Acrylonitrile	5.718	53	177532	96.760	ug/l	97
16) Acetone	4.424	43	120363	80.076	ug/l	97
17) Carbon Disulfide	4.712	76	170467	17.341	ug/l #	95
18) Methyl Acetate	5.024	43	83174	22.683	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	243892	20.204	ug/l	99
20) Methylene Chloride	5.277	84	79567	19.902	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	73236	18.625	ug/l	92
22) Diisopropyl ether	6.671	45	246122	20.748	ug/l #	87
23) Vinyl Acetate	6.606	43	920541	95.644	ug/l #	94
24) 1,1-Dichloroethane	6.577	63	141282	20.598	ug/l	98
25) 2-Butanone	7.482	43	219105	90.229	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	125921	19.593	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	88485	19.368	ug/l	90
28) Bromochloromethane	7.812	49	62879	22.112	ug/l #	72
29) Tetrahydrofuran	7.835	42	146903	90.624	ug/l #	86
30) Chloroform	7.971	83	151390	20.762	ug/l	100
31) Cyclohexane	8.259	56	125615	19.044	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	133043	20.034	ug/l	89
36) 1,1-Dichloropropene	8.377	75	107559	19.296	ug/l	96
37) Ethyl Acetate	7.559	43	94526	18.789	ug/l	98
38) Carbon Tetrachloride	8.365	117	114641	20.328	ug/l	95
39) Methylcyclohexane	9.600	83	123414	18.993	ug/l	92
40) Benzene	8.606	78	324666	20.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	53549	18.703	ug/l	94
42) 1,2-Dichloroethane	8.671	62	113625	20.185	ug/l	96
43) Isopropyl Acetate	8.688	43	179508	20.402	ug/l	96
44) Trichloroethene	9.347	130	85652	19.931	ug/l	88
45) 1,2-Dichloropropane	9.624	63	81663	20.234	ug/l	98
46) Dibromomethane	9.706	93	57600	19.587	ug/l	91
47) Bromodichloromethane	9.888	83	114532	20.564	ug/l #	93
48) Methyl methacrylate	9.682	41	81521	19.912	ug/l	95
49) 1,4-Dioxane	9.694	88	28733	355.659	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	490703	96.951	ug/l	95
52) Toluene	10.629	92	200910	19.669	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	126167	20.385	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	133064	19.899	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	82136	20.907	ug/l	93
56) Ethyl methacrylate	10.876	69	114258	19.030	ug/l	89
57) 1,3-Dichloropropane	11.165	76	138380	20.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	279511	92.781	ug/l #	87
59) 2-Hexanone	11.194	43	352327	87.804	ug/l	94
60) Dibromochloromethane	11.359	129	82839	19.849	ug/l	96
61) 1,2-Dibromoethane	11.470	107	80438	19.471	ug/l	99
64) Tetrachloroethene	11.106	164	78851	22.923	ug/l	97
65) Chlorobenzene	11.894	112	213786	19.599	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	78630	20.069	ug/l	97
67) Ethyl Benzene	11.965	91	387936	19.875	ug/l	99
68) m/p-Xylenes	12.070	106	296153	39.584	ug/l	96
69) o-Xylene	12.400	106	146368	19.736	ug/l	94
70) Styrene	12.412	104	230452	19.610	ug/l	97
71) Bromoform	12.582	173	48755	19.614	ug/l #	93
73) Isopropylbenzene	12.700	105	377183	19.463	ug/l	98
74) N-amyl acetate	12.494	43	147446	18.002	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	103197	18.937	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	94376m	18.753	ug/l	
77) Bromobenzene	12.988	156	83302	19.278	ug/l	74
78) n-propylbenzene	13.035	91	440885	19.762	ug/l	95
79) 2-Chlorotoluene	13.123	91	263005	19.220	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	318333	20.259	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	34308	17.547	ug/l	95
82) 4-Chlorotoluene	13.223	91	257016	19.209	ug/l	93
83) tert-Butylbenzene	13.441	119	268190	19.739	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	307522	19.640	ug/l	92
85) sec-Butylbenzene	13.617	105	387194	20.499	ug/l	95
86) p-Isopropyltoluene	13.729	119	320276	20.414	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	159114	19.488	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	156083	19.455	ug/l	97
89) n-Butylbenzene	14.059	91	278323	20.363	ug/l	96
90) Hexachloroethane	14.335	117	51534	19.872	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	152820	19.407	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20960	18.500	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	83600	19.029	ug/l	99
94) Hexachlorobutadiene	15.500	225	31967	19.511	ug/l	98
95) Naphthalene	15.641	128	292398	18.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	83352	19.125	ug/l	98

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

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