

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081297.D
 Acq On : 04 Mar 2024 12:45
 Operator : JC\MD
 Sample : VN0304WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/05/2024

Quant Time: Mar 05 03:14:17 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	8.230	168	230537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	378203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162522	57.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	8.171	113	143869	60.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.800%			
50) Toluene-d8	10.571	98	450248	53.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.853	95	178667	56.203	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65829	22.080	ug/l	97
3) Chloromethane	2.359	50	62981	18.620	ug/l	96
4) Vinyl Chloride	2.518	62	71945	21.725	ug/l	98
5) Bromomethane	2.959	94	43163	18.351	ug/l	91
6) Chloroethane	3.118	64	50500	23.111	ug/l	100
7) Trichlorofluoromethane	3.495	101	112103	23.171	ug/l	97
8) Diethyl Ether	3.959	74	39959	22.591	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	62933	23.334	ug/l #	90
10) Methyl Iodide	4.595	142	57479	19.093	ug/l	89
11) Tert butyl alcohol	5.518	59	61666	118.665	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56537	21.686	ug/l	87
13) Acrolein	4.177	56	18664	67.009	ug/l	94
14) Allyl chloride	5.024	41	83679	21.632	ug/l #	85
15) Acrylonitrile	5.718	53	178923	131.833	ug/l	99
16) Acetone	4.424	43	134573	121.034	ug/l	93
17) Carbon Disulfide	4.718	76	130998	18.015	ug/l	96
18) Methyl Acetate	5.024	43	86053	31.726	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	210694	23.596	ug/l	100
20) Methylene Chloride	5.271	84	71050	24.222	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	64041	22.017	ug/l	91
22) Diisopropyl ether	6.677	45	226568	25.820	ug/l #	93
23) Vinyl Acetate	6.606	43	832924	116.993	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	128392	25.305	ug/l #	97
25) 2-Butanone	7.488	43	225448	125.510	ug/l	93
26) 2,2-Dichloropropane	7.488	77	111206	23.392	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	78766	23.307	ug/l	89
28) Bromochloromethane	7.818	49	61342	29.163	ug/l #	71
29) Tetrahydrofuran	7.836	42	153467	127.987	ug/l	91
30) Chloroform	7.965	83	135978	25.210	ug/l	94
31) Cyclohexane	8.259	56	102081	20.922	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	119123	24.250	ug/l	94
36) 1,1-Dichloropropene	8.371	75	92886	22.761	ug/l	95
37) Ethyl Acetate	7.559	43	92418	25.093	ug/l	97
38) Carbon Tetrachloride	8.365	117	95932	23.235	ug/l	96
39) Methylcyclohexane	9.606	83	101206	21.274	ug/l	92
40) Benzene	8.606	78	282775	23.939	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53888	25.709	ug/l	96
42) 1,2-Dichloroethane	8.671	62	105685	25.645	ug/l	99
43) Isopropyl Acetate	8.688	43	170087	26.405	ug/l	96
44) Trichloroethene	9.353	130	74069	23.543	ug/l	85
45) 1,2-Dichloropropane	9.630	63	72021	24.375	ug/l	91
46) Dibromomethane	9.712	93	54047	25.105	ug/l	94
47) Bromodichloromethane	9.888	83	108153	26.525	ug/l	96
48) Methyl methacrylate	9.677	41	74354	24.807	ug/l	89
49) 1,4-Dioxane	9.700	88	31397	551.333	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	506432	136.673	ug/l	97
52) Toluene	10.635	92	177289	23.708	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	111213	24.545	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	120797	24.675	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	76179	26.486	ug/l	96
56) Ethyl methacrylate	10.877	69	105048	23.898	ug/l	93
57) 1,3-Dichloropropane	11.165	76	127754	25.689	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	246278	111.664	ug/l #	89
59) 2-Hexanone	11.200	43	367320	125.038	ug/l	96
60) Dibromochloromethane	11.365	129	76150	24.923	ug/l	98
61) 1,2-Dibromoethane	11.471	107	73292	24.233	ug/l	96
64) Tetrachloroethene	11.106	164	69373	26.876	ug/l	96
65) Chlorobenzene	11.894	112	192068	23.465	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	71673	24.378	ug/l	96
67) Ethyl Benzene	11.965	91	337869	23.067	ug/l	100
68) m/p-Xylenes	12.076	106	258785	46.094	ug/l	96
69) o-Xylene	12.400	106	120989	21.740	ug/l	99
70) Styrene	12.412	104	202883	23.006	ug/l	97
71) Bromoform	12.582	173	48367	25.930	ug/l #	96
73) Isopropylbenzene	12.700	105	331238	21.853	ug/l	98
74) N-amyl acetate	12.494	43	131299	20.496	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	101442	23.800	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	97034m	24.652	ug/l	
77) Bromobenzene	12.982	156	75879	22.451	ug/l	80
78) n-propylbenzene	13.041	91	400766	22.967	ug/l	96
79) 2-Chlorotoluene	13.129	91	234777	21.936	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	282489	22.986	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	32369m	21.166	ug/l	
82) 4-Chlorotoluene	13.223	91	227106	21.701	ug/l	93
83) tert-Butylbenzene	13.441	119	240420	22.624	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	282484	23.066	ug/l	97
85) sec-Butylbenzene	13.618	105	352168	23.838	ug/l	97
86) p-Isopropyltoluene	13.735	119	282751	23.042	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144647	22.651	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	144425	23.017	ug/l	98
89) n-Butylbenzene	14.059	91	252671	23.635	ug/l	97
90) Hexachloroethane	14.335	117	45578	22.471	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	139684	22.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19773	22.313	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	74440	21.664	ug/l	97
94) Hexachlorobutadiene	15.506	225	31840	24.846	ug/l	91
95) Naphthalene	15.641	128	265298	21.069	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81115	23.796	ug/l	98

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

