

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081779.D
 Acq On : 18 Apr 2024 11:43
 Operator : JC\MD
 Sample : VN0418WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 01:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	199645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151831	54.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	8.165	113	117793	51.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.360%			
50) Toluene-d8	10.565	98	461393	54.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.847	95	156493	54.544	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45262	17.902	ug/l	99
3) Chloromethane	2.359	50	64067	28.766	ug/l	99
4) Vinyl Chloride	2.512	62	66655	21.541	ug/l	98
5) Bromomethane	2.959	94	45298	24.228	ug/l	93
6) Chloroethane	3.124	64	43400	22.225	ug/l	98
7) Trichlorofluoromethane	3.500	101	76215	19.073	ug/l	100
8) Diethyl Ether	3.959	74	23280	16.596	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	44215	17.666	ug/l	100
10) Methyl Iodide	4.583	142	33763	25.134	ug/l	98
11) Tert butyl alcohol	5.518	59	35620	92.949	ug/l	100
12) 1,1-Dichloroethene	4.336	96	38946	16.419	ug/l	91
13) Acrolein	4.177	56	35753	87.762	ug/l	98
14) Allyl chloride	5.024	41	52550	17.456	ug/l	99
15) Acrylonitrile	5.724	53	105164	99.438	ug/l	100
16) Acetone	4.424	43	74126	94.802	ug/l	94
17) Carbon Disulfide	4.706	76	115934	16.816	ug/l	97
18) Methyl Acetate	5.030	43	42904	19.618	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	132135	19.139	ug/l	98
20) Methylene Chloride	5.271	84	46803	18.918	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	44296	18.593	ug/l	96
22) Diisopropyl ether	6.671	45	134740	20.568	ug/l	97
23) Vinyl Acetate	6.600	43	524520m	102.575	ug/l	
24) 1,1-Dichloroethane	6.565	63	85890	19.927	ug/l	99
25) 2-Butanone	7.482	43	130159	100.977	ug/l	95
26) 2,2-Dichloropropane	7.488	77	78677	20.940	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	55902	19.181	ug/l	94
28) Bromochloromethane	7.806	49	34982	19.010	ug/l	92
29) Tetrahydrofuran	7.835	42	90404	108.406	ug/l	99
30) Chloroform	7.965	83	96058	19.654	ug/l	98
31) Cyclohexane	8.259	56	76674	19.896	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	86361	19.927	ug/l	98
36) 1,1-Dichloropropene	8.371	75	64035	20.167	ug/l	100
37) Ethyl Acetate	7.559	43	58678	22.489	ug/l	98
38) Carbon Tetrachloride	8.365	117	76865	20.807	ug/l	93
39) Methylcyclohexane	9.600	83	70839	18.937	ug/l	98
40) Benzene	8.606	78	197872	20.005	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30239	21.349	ug/l	98
42) 1,2-Dichloroethane	8.671	62	72225	20.947	ug/l	99
43) Isopropyl Acetate	8.688	43	100520	20.650	ug/l	97
44) Trichloroethene	9.353	130	52460	20.395	ug/l	91
45) 1,2-Dichloropropane	9.624	63	49656	21.775	ug/l	97
46) Dibromomethane	9.706	93	38774	20.371	ug/l	96
47) Bromodichloromethane	9.888	83	75901	20.875	ug/l	97
48) Methyl methacrylate	9.682	41	45064	22.713	ug/l	94
49) 1,4-Dioxane	9.700	88	21464	431.346	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	317881	117.407	ug/l	96
52) Toluene	10.629	92	131800	20.978	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	74824	20.659	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	79543	20.616	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	50066	21.213	ug/l	95
56) Ethyl methacrylate	10.876	69	71219	21.931	ug/l	97
57) 1,3-Dichloropropane	11.165	76	84564	21.405	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	156490	91.074	ug/l	97
59) 2-Hexanone	11.194	43	237835	121.344	ug/l	98
60) Dibromochloromethane	11.359	129	59798	20.962	ug/l	98
61) 1,2-Dibromoethane	11.470	107	52361	21.268	ug/l	99
64) Tetrachloroethene	11.100	164	55348	20.166	ug/l	94
65) Chlorobenzene	11.888	112	144994	19.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	49411	19.458	ug/l	95
67) Ethyl Benzene	11.965	91	241412	20.603	ug/l	98
68) m/p-Xylenes	12.070	106	193254	42.414	ug/l	99
69) o-Xylene	12.400	106	88979	20.377	ug/l	96
70) Styrene	12.412	104	148659	20.781	ug/l	96
71) Bromoform	12.582	173	40926	20.887	ug/l #	97
73) Isopropylbenzene	12.694	105	232403	19.340	ug/l	99
74) N-amyl acetate	12.494	43	87109	19.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	72813	20.625	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67163m	20.856	ug/l	
77) Bromobenzene	12.982	156	58158	18.984	ug/l	94
78) n-propylbenzene	13.035	91	286073	20.516	ug/l	98
79) 2-Chlorotoluene	13.129	91	171297	19.708	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	206324	21.019	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	28792	21.985	ug/l	92
82) 4-Chlorotoluene	13.223	91	171283	19.948	ug/l	99
83) tert-Butylbenzene	13.441	119	167062	19.432	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	209478	21.156	ug/l	94
85) sec-Butylbenzene	13.617	105	244759	20.401	ug/l	98
86) p-Isopropyltoluene	13.729	119	203914	20.737	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	111856	19.535	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	108294	18.547	ug/l	95
89) n-Butylbenzene	14.059	91	167898	19.528	ug/l	98
90) Hexachloroethane	14.335	117	42724	20.410	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	108204	19.524	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15191	21.954	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	52529	17.993	ug/l	98
94) Hexachlorobutadiene	15.500	225	23165	18.407	ug/l	98
95) Naphthalene	15.641	128	172039	18.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	56177	18.821	ug/l	98

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

