

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083618.D
 Acq On : 03 Sep 2024 12:21
 Operator : JC\MD
 Sample : VN0903WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/04/2024
 Supervised By : Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 02:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141268	55.391	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.780%			
35) Dibromofluoromethane	8.165	113	101601	54.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.080%			
50) Toluene-d8	10.565	98	373688	51.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.847	95	140761	52.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	41104	21.283	ug/l	97
3) Chloromethane	2.359	50	40930	18.193	ug/l	100
4) Vinyl Chloride	2.512	62	43036	19.114	ug/l	99
5) Bromomethane	2.901	94	22444	18.962	ug/l	96
6) Chloroethane	3.077	64	28648	19.471	ug/l	99
7) Trichlorofluoromethane	3.477	101	75747	20.429	ug/l	100
8) Diethyl Ether	3.953	74	25633	19.338	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	41619	20.697	ug/l	98
10) Methyl Iodide	4.577	142	51177	18.815	ug/l	90
11) Tert butyl alcohol	5.530	59	35567	89.444	ug/l	99
12) 1,1-Dichloroethene	4.330	96	38171	19.094	ug/l	90
13) Acrolein	4.177	56	31481	83.681	ug/l	95
14) Allyl chloride	5.012	41	69031	19.367	ug/l	100
15) Acrylonitrile	5.718	53	94263	96.122	ug/l	99
16) Acetone	4.430	43	105279	103.516	ug/l	98
17) Carbon Disulfide	4.700	76	104744	17.980	ug/l	98
18) Methyl Acetate	5.018	43	48487	17.927	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	139988	19.741	ug/l	99
20) Methylene Chloride	5.265	84	41871	18.643	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	39832	19.128	ug/l	95
22) Diisopropyl ether	6.671	45	140581	20.003	ug/l	98
23) Vinyl Acetate	6.600	43	522146	100.250	ug/l	100
24) 1,1-Dichloroethane	6.559	63	80365	20.051	ug/l	97
25) 2-Butanone	7.477	43	135672	97.977	ug/l	99
26) 2,2-Dichloropropane	7.488	77	77224	20.695	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48867	19.666	ug/l	99
28) Bromochloromethane	7.806	49	37182	19.866	ug/l	99
29) Tetrahydrofuran	7.835	42	80678	93.931	ug/l	99
30) Chloroform	7.965	83	84602	20.035	ug/l	98
31) Cyclohexane	8.253	56	73809	18.709	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79486	20.817	ug/l	98
36) 1,1-Dichloropropene	8.371	75	55784	19.631	ug/l	97
37) Ethyl Acetate	7.559	43	55904	19.767	ug/l	99
38) Carbon Tetrachloride	8.359	117	66768	20.593	ug/l	97
39) Methylcyclohexane	9.600	83	71335	20.920	ug/l	100
40) Benzene	8.600	78	177790	20.338	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	29994	18.585	ug/l	98
42) 1,2-Dichloroethane	8.665	62	65946	20.351	ug/l	100
43) Isopropyl Acetate	8.688	43	95869	16.092	ug/l	97
44) Trichloroethene	9.353	130	40134	19.086	ug/l	97
45) 1,2-Dichloropropane	9.618	63	43377	21.301	ug/l	97
46) Dibromomethane	9.706	93	30115	20.046	ug/l	98
47) Bromodichloromethane	9.888	83	66711	20.860	ug/l	99
48) Methyl methacrylate	9.677	41	46673	20.121	ug/l	97
49) 1,4-Dioxane	9.694	88	15376	404.535	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	262946	100.008	ug/l	99
52) Toluene	10.629	92	111641	20.420	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	66642	20.130	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	72025	20.727	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	40070	20.535	ug/l	97
56) Ethyl methacrylate	10.876	69	66550	20.616	ug/l	99
57) 1,3-Dichloropropane	11.165	76	69870	20.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	146600	104.514	ug/l	98
59) 2-Hexanone	11.194	43	198506	100.602	ug/l	99
60) Dibromochloromethane	11.359	129	47084	20.824	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40228	20.178	ug/l	99
64) Tetrachloroethene	11.100	164	34860	19.880	ug/l	95
65) Chlorobenzene	11.888	112	116035	19.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41685	20.636	ug/l	99
67) Ethyl Benzene	11.965	91	212151	19.865	ug/l	99
68) m/p-Xylenes	12.071	106	158456	39.385	ug/l	99
69) o-Xylene	12.394	106	77208	19.855	ug/l	99
70) Styrene	12.412	104	127236	19.461	ug/l	98
71) Bromoform	12.576	173	28584	19.866	ug/l #	98
73) Isopropylbenzene	12.694	105	198611	18.956	ug/l	100
74) N-amyl acetate	12.494	43	83130	18.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	56723	19.070	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49228m	18.835	ug/l	
77) Bromobenzene	12.982	156	44767	18.212	ug/l	98
78) n-propylbenzene	13.035	91	227743	18.800	ug/l	100
79) 2-Chlorotoluene	13.123	91	144283	18.381	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	169812	19.239	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	20091	18.131	ug/l	94
82) 4-Chlorotoluene	13.223	91	146131	18.325	ug/l	100
83) tert-Butylbenzene	13.441	119	149550	19.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	169182	19.043	ug/l	99
85) sec-Butylbenzene	13.617	105	197595	18.945	ug/l	100
86) p-Isopropyltoluene	13.729	119	165600	19.009	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	85635	17.946	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	85712	17.481	ug/l	98
89) n-Butylbenzene	14.053	91	144334	18.835	ug/l	100
90) Hexachloroethane	14.329	117	32579	19.213	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	83370	18.143	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11375	17.633	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	45547	17.479	ug/l	99
94) Hexachlorobutadiene	15.500	225	18745	17.963	ug/l	98
95) Naphthalene	15.641	128	140111	16.735	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	43352	16.654	ug/l	99

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

