

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083721.D
 Acq On : 09 Sep 2024 17:00
 Operator : JC\MD
 Sample : VN0909WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

Quant Time: Sep 10 02:12:34 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	131458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116708	63.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.040%#			
35) Dibromofluoromethane	8.165	113	81030	57.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.780%			
50) Toluene-d8	10.565	98	296782	54.285	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.560%			
62) 4-Bromofluorobenzene	12.847	95	115458	57.178	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33727	24.241	ug/l	97
3) Chloromethane	2.359	50	35862	22.127	ug/l	97
4) Vinyl Chloride	2.512	62	35497	21.885	ug/l	97
5) Bromomethane	2.901	94	21203	24.867	ug/l	99
6) Chloroethane	3.071	64	25433	23.995	ug/l	98
7) Trichlorofluoromethane	3.471	101	58935	22.064	ug/l	98
8) Diethyl Ether	3.953	74	22212	23.262	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	32568	22.483	ug/l	99
10) Methyl Iodide	4.577	142	41941	21.404	ug/l	94
11) Tert butyl alcohol	5.536	59	32038	111.841	ug/l	99
12) 1,1-Dichloroethene	4.330	96	30133	20.924	ug/l	98
13) Acrolein	4.171	56	24013	88.605	ug/l	96
14) Allyl chloride	5.012	41	53941	21.008	ug/l	95
15) Acrylonitrile	5.718	53	84348	119.396	ug/l	99
16) Acetone	4.430	43	83981	114.625	ug/l	94
17) Carbon Disulfide	4.695	76	81332	19.380	ug/l	99
18) Methyl Acetate	5.024	43	40903	20.992	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	115931	22.694	ug/l	100
20) Methylene Chloride	5.271	84	34832	21.529	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	31394	20.928	ug/l	88
22) Diisopropyl ether	6.671	45	118008	23.308	ug/l	99
23) Vinyl Acetate	6.600	43	447780	119.341	ug/l	99
24) 1,1-Dichloroethane	6.559	63	64354	22.289	ug/l	98
25) 2-Butanone	7.483	43	115484	115.769	ug/l	97
26) 2,2-Dichloropropane	7.483	77	58294	21.685	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	39315	21.963	ug/l	99
28) Bromochloromethane	7.812	49	31092	23.060	ug/l	96
29) Tetrahydrofuran	7.841	42	72509	117.186	ug/l	99
30) Chloroform	7.965	83	68006	22.356	ug/l	93
31) Cyclohexane	8.247	56	57824	20.346	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61985	22.534	ug/l	98
36) 1,1-Dichloropropene	8.365	75	44253	20.727	ug/l	99
37) Ethyl Acetate	7.559	43	49903	23.485	ug/l	98
38) Carbon Tetrachloride	8.359	117	52516	21.558	ug/l	98
39) Methylcyclohexane	9.600	83	53620	20.929	ug/l	100
40) Benzene	8.600	78	143224	21.807	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26881	22.169	ug/l	99
42) 1,2-Dichloroethane	8.665	62	56321	23.133	ug/l	100
43) Isopropyl Acetate	8.688	43	83130	18.758	ug/l	97
44) Trichloroethene	9.353	130	32180	20.368	ug/l	100
45) 1,2-Dichloropropane	9.618	63	35480	23.190	ug/l	97
46) Dibromomethane	9.706	93	25198	22.324	ug/l	99
47) Bromodichloromethane	9.888	83	53779	22.382	ug/l	96
48) Methyl methacrylate	9.682	41	39828	22.852	ug/l	98
49) 1,4-Dioxane	9.694	88	13887	486.277	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	230209	116.534	ug/l	99
52) Toluene	10.629	92	88375	21.515	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	53927	21.680	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57136	21.884	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	33601	22.918	ug/l	95
56) Ethyl methacrylate	10.871	69	54782	22.587	ug/l	95
57) 1,3-Dichloropropane	11.165	76	59591	22.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	95918	91.013	ug/l	99
59) 2-Hexanone	11.194	43	171915	115.960	ug/l	97
60) Dibromochloromethane	11.359	129	39026	22.972	ug/l	97
61) 1,2-Dibromoethane	11.465	107	34851	23.267	ug/l	99
64) Tetrachloroethene	11.106	164	27150	19.812	ug/l	95
65) Chlorobenzene	11.888	112	93132	19.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33730	21.367	ug/l	99
67) Ethyl Benzene	11.965	91	169736	20.337	ug/l	96
68) m/p-Xylenes	12.071	106	123993	39.437	ug/l	97
69) o-Xylene	12.400	106	60701	19.975	ug/l	97
70) Styrene	12.412	104	101938	19.951	ug/l	99
71) Bromoform	12.576	173	24519	21.806	ug/l #	100
73) Isopropylbenzene	12.694	105	156480	19.229	ug/l	99
74) N-amyl acetate	12.494	43	72603	20.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48866	21.152	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	41032m	20.213	ug/l	
77) Bromobenzene	12.976	156	38975	20.414	ug/l	97
78) n-propylbenzene	13.035	91	180701	19.206	ug/l	100
79) 2-Chlorotoluene	13.123	91	116328	19.080	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	134171	19.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16734	19.443	ug/l	97
82) 4-Chlorotoluene	13.223	91	115268	18.610	ug/l	100
83) tert-Butylbenzene	13.435	119	117226	19.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	137032	19.858	ug/l	99
85) sec-Butylbenzene	13.618	105	154553	19.078	ug/l	100
86) p-Isopropyltoluene	13.729	119	130052	19.221	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68851	18.577	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69982	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	110530	18.571	ug/l	98
90) Hexachloroethane	14.335	117	25930	19.688	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	68799	19.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10390	20.737	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	36257	17.914	ug/l	98
94) Hexachlorobutadiene	15.500	225	15246	18.810	ug/l	95
95) Naphthalene	15.641	128	116269	17.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33668	16.653	ug/l	98

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

