

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083940.D
 Acq On : 17 Sep 2024 13:05
 Operator : JC\MD
 Sample : VN0917WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 01:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101861	47.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	8.165	113	74670	47.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.900%		
50) Toluene-d8	10.565	98	267377	49.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.847	95	97706	43.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28437	17.360	ug/l	98
3) Chloromethane	2.359	50	29254	16.242	ug/l	100
4) Vinyl Chloride	2.518	62	30278	16.864	ug/l	95
5) Bromomethane	2.959	94	19603	19.016	ug/l	95
6) Chloroethane	3.124	64	19270	15.300	ug/l	100
7) Trichlorofluoromethane	3.500	101	53141	17.437	ug/l	98
8) Diethyl Ether	3.959	74	17613	17.240	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	29787	18.439	ug/l	99
10) Methyl Iodide	4.589	142	34304	16.697	ug/l #	87
11) Tert butyl alcohol	5.518	59	31683	111.247	ug/l	96
12) 1,1-Dichloroethene	4.342	96	27102	17.765	ug/l	98
13) Acrolein	4.183	56	23363	83.142	ug/l	99
14) Allyl chloride	5.024	41	43935	16.162	ug/l	90
15) Acrylonitrile	5.712	53	74729	96.485	ug/l	98
16) Acetone	4.436	43	77270	90.630	ug/l	92
17) Carbon Disulfide	4.712	76	67929	15.918	ug/l	98
18) Methyl Acetate	5.018	43	38326	20.479	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	100009	18.116	ug/l	97
20) Methylene Chloride	5.283	84	31094	17.822	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	27244	16.663	ug/l	93
22) Diisopropyl ether	6.671	45	103959	18.578	ug/l	97
23) Vinyl Acetate	6.600	43	387392	94.533	ug/l	98
24) 1,1-Dichloroethane	6.571	63	57644	17.880	ug/l	98
25) 2-Butanone	7.483	43	109522	97.736	ug/l	94
26) 2,2-Dichloropropane	7.488	77	52312	17.620	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	34618	17.837	ug/l	98
28) Bromochloromethane	7.818	49	28616	21.078	ug/l	95
29) Tetrahydrofuran	7.841	42	68274	103.040	ug/l	97
30) Chloroform	7.965	83	62417	18.237	ug/l	95
31) Cyclohexane	8.253	56	49374	16.063	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	56577	17.977	ug/l	95
36) 1,1-Dichloropropene	8.371	75	42132	17.786	ug/l	98
37) Ethyl Acetate	7.565	43	43848	20.393	ug/l	99
38) Carbon Tetrachloride	8.365	117	49040	18.248	ug/l	97
39) Methylcyclohexane	9.600	83	42837	15.888	ug/l	99
40) Benzene	8.606	78	127264	17.850	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24163	19.000	ug/l	99
42) 1,2-Dichloroethane	8.671	62	49674	18.645	ug/l	100
43) Isopropyl Acetate	8.688	43	87692	22.506	ug/l	95
44) Trichloroethene	9.347	130	30205	18.294	ug/l	98
45) 1,2-Dichloropropane	9.624	63	31086	18.039	ug/l	97
46) Dibromomethane	9.712	93	21791	18.054	ug/l	98
47) Bromodichloromethane	9.888	83	50347	19.274	ug/l	97
48) Methyl methacrylate	9.682	41	36271	19.621	ug/l	97
49) 1,4-Dioxane	9.688	88	12420	408.411	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	221645	104.500	ug/l	96
52) Toluene	10.629	92	79041	18.124	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	49294	18.617	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	51721	18.596	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	30114	18.496	ug/l	97
56) Ethyl methacrylate	10.876	69	48836	19.496	ug/l	97
57) 1,3-Dichloropropane	11.159	76	51687	18.471	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	90789	100.588	ug/l	98
59) 2-Hexanone	11.194	43	166251	105.963	ug/l	96
60) Dibromochloromethane	11.359	129	34337	18.845	ug/l	100
61) 1,2-Dibromoethane	11.465	107	30120	18.550	ug/l	99
64) Tetrachloroethene	11.106	164	23653	16.625	ug/l	99
65) Chlorobenzene	11.888	112	83608	17.583	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29784	18.068	ug/l	98
67) Ethyl Benzene	11.965	91	149287	17.674	ug/l	98
68) m/p-Xylenes	12.070	106	110833	35.342	ug/l	100
69) o-Xylene	12.400	106	53195	17.522	ug/l	97
70) Styrene	12.412	104	89576	17.979	ug/l	99
71) Bromoform	12.576	173	21556	19.406	ug/l #	96
73) Isopropylbenzene	12.694	105	139208	18.159	ug/l	100
74) N-amyl acetate	12.494	43	65253	19.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	44122	19.589	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42749m	21.381	ug/l	
77) Bromobenzene	12.982	156	32062	17.375	ug/l	95
78) n-propylbenzene	13.035	91	162221	18.187	ug/l	100
79) 2-Chlorotoluene	13.123	91	101640	17.868	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	117105	18.119	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	14025	18.372	ug/l	90
82) 4-Chlorotoluene	13.217	91	101469	17.775	ug/l	98
83) tert-Butylbenzene	13.435	119	102504	18.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	117910	18.161	ug/l	99
85) sec-Butylbenzene	13.617	105	137624	18.352	ug/l	99
86) p-Isopropyltoluene	13.729	119	113002	17.976	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	59717	17.147	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	60666	17.204	ug/l	98
89) n-Butylbenzene	14.053	91	95556	16.930	ug/l	98
90) Hexachloroethane	14.329	117	21640	17.125	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	59212	17.617	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8932	19.893	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	27776	15.400	ug/l	98
94) Hexachlorobutadiene	15.494	225	13125	17.136	ug/l	93
95) Naphthalene	15.641	128	89734	16.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27465	15.934	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

