

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084126.D
 Acq On : 24 Sep 2024 11:55
 Operator : JC\MD
 Sample : VN0924WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:31:09 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	135549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108727	53.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	8.165	113	82437	54.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.200%			
50) Toluene-d8	10.565	98	288660	55.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.600%			
62) 4-Bromofluorobenzene	12.847	95	109270	50.743	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	26234	16.665	ug/l	100
3) Chloromethane	2.359	50	30342	17.682	ug/l	96
4) Vinyl Chloride	2.518	62	31025	17.981	ug/l	94
5) Bromomethane	2.959	94	21123	21.322	ug/l	92
6) Chloroethane	3.124	64	20670	17.078	ug/l	94
7) Trichlorofluoromethane	3.500	101	53369	18.222	ug/l	98
8) Diethyl Ether	3.959	74	20569	20.951	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	30948	19.935	ug/l	99
10) Methyl Iodide	4.594	142	36564	18.519	ug/l	96
11) Tert butyl alcohol	5.518	59	35778	130.722	ug/l	98
12) 1,1-Dichloroethene	4.342	96	27915	19.040	ug/l	99
13) Acrolein	4.177	56	31028	114.899	ug/l	97
14) Allyl chloride	5.024	41	47894	18.333	ug/l	97
15) Acrylonitrile	5.718	53	90481	121.562	ug/l	100
16) Acetone	4.430	43	89236	108.911	ug/l	95
17) Carbon Disulfide	4.712	76	67611	16.486	ug/l	97
18) Methyl Acetate	5.024	43	46560	26.398	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	114251	21.535	ug/l	95
20) Methylene Chloride	5.277	84	34490	20.570	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	29638	18.863	ug/l	96
22) Diisopropyl ether	6.677	45	119212	22.168	ug/l	96
23) Vinyl Acetate	6.600	43	434002	110.204	ug/l	97
24) 1,1-Dichloroethane	6.565	63	62549	20.189	ug/l	99
25) 2-Butanone	7.482	43	129052	119.837	ug/l	98
26) 2,2-Dichloropropane	7.488	77	54819	19.213	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	38288	20.528	ug/l	98
28) Bromochloromethane	7.812	49	33047	25.329	ug/l	92
29) Tetrahydrofuran	7.841	42	79656	125.095	ug/l	95
30) Chloroform	7.959	83	69188	21.035	ug/l	90
31) Cyclohexane	8.259	56	49696	16.823	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	59276	19.599	ug/l	95
36) 1,1-Dichloropropene	8.371	75	43920	19.327	ug/l	96
37) Ethyl Acetate	7.559	43	50643	24.552	ug/l	96
38) Carbon Tetrachloride	8.359	117	50423	19.558	ug/l	99
39) Methylcyclohexane	9.600	83	44119	17.057	ug/l	93
40) Benzene	8.606	78	139020	20.325	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28252	23.157	ug/l	99
42) 1,2-Dichloroethane	8.671	62	52845	20.677	ug/l	99
43) Isopropyl Acetate	8.688	43	89669	23.989	ug/l	100
44) Trichloroethene	9.347	130	31913	20.148	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36091	21.832	ug/l	95
46) Dibromomethane	9.706	93	25979	22.436	ug/l	98
47) Bromodichloromethane	9.888	83	56363	22.492	ug/l	94
48) Methyl methacrylate	9.682	41	40448	22.808	ug/l	98
49) 1,4-Dioxane	9.700	88	13826	473.919	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	254635	125.144	ug/l	99
52) Toluene	10.629	92	86829	20.754	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	54163	21.323	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	58698	21.999	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	34659	22.190	ug/l	94
56) Ethyl methacrylate	10.871	69	54617	22.728	ug/l	97
57) 1,3-Dichloropropane	11.159	76	60749	22.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	103043	119.005	ug/l	97
59) 2-Hexanone	11.194	43	188894	125.499	ug/l	98
60) Dibromochloromethane	11.359	129	40028	22.899	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33030	21.204	ug/l	99
64) Tetrachloroethene	11.100	164	27248	19.293	ug/l	96
65) Chlorobenzene	11.888	112	93711	19.854	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	34413	21.031	ug/l	99
67) Ethyl Benzene	11.965	91	163612	19.513	ug/l	98
68) m/p-Xylenes	12.070	106	121851	39.143	ug/l	100
69) o-Xylene	12.400	106	58655	19.463	ug/l	100
70) Styrene	12.412	104	103463	20.919	ug/l	99
71) Bromoform	12.576	173	26606	24.129	ug/l #	100
73) Isopropylbenzene	12.694	105	151586	19.532	ug/l	98
74) N-amyl acetate	12.494	43	73487	22.193	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50545	22.166	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42403m	20.949	ug/l	
77) Bromobenzene	12.982	156	36663	19.625	ug/l	96
78) n-propylbenzene	13.035	91	182690	20.232	ug/l	99
79) 2-Chlorotoluene	13.123	91	117287	20.366	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	130253	19.907	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17255	22.327	ug/l	95
82) 4-Chlorotoluene	13.217	91	116665	20.187	ug/l	99
83) tert-Butylbenzene	13.435	119	110459	19.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	133787	20.355	ug/l	99
85) sec-Butylbenzene	13.617	105	155459	20.477	ug/l	100
86) p-Isopropyltoluene	13.729	119	124738	19.600	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	69268	19.647	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	69191	19.381	ug/l	100
89) n-Butylbenzene	14.053	91	109964	19.245	ug/l	97
90) Hexachloroethane	14.329	117	26022	20.340	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	68027	19.993	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10347	22.763	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	32431	17.762	ug/l	99
94) Hexachlorobutadiene	15.500	225	14542	18.754	ug/l	100
95) Naphthalene	15.641	128	104816	18.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33406	19.144	ug/l	99

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

