

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084157.D
 Acq On : 25 Sep 2024 14:11
 Operator : JC\MD
 Sample : VN0925WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Quant Time: Sep 26 01:33:42 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113097	51.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.840%			
35) Dibromofluoromethane	8.165	113	86887	55.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.540%			
50) Toluene-d8	10.565	98	311276	57.279	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.560%#			
62) 4-Bromofluorobenzene	12.847	95	114838	51.219	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	26404	15.587	ug/l	94
3) Chloromethane	2.359	50	29385	15.722	ug/l	94
4) Vinyl Chloride	2.512	62	29611	15.948	ug/l	98
5) Bromomethane	2.959	94	19522	18.313	ug/l	95
6) Chloroethane	3.124	64	21044	16.158	ug/l #	87
7) Trichlorofluoromethane	3.500	101	54565	17.313	ug/l	96
8) Diethyl Ether	3.959	74	18715	17.715	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	31404	18.799	ug/l	98
10) Methyl Iodide	4.589	142	35518	16.718	ug/l	96
11) Tert butyl alcohol	5.524	59	30655	104.087	ug/l	100
12) 1,1-Dichloroethene	4.342	96	27958	17.722	ug/l	98
13) Acrolein	4.177	56	29383	101.116	ug/l	95
14) Allyl chloride	5.024	41	48560	17.274	ug/l	97
15) Acrylonitrile	5.724	53	85400	106.626	ug/l	99
16) Acetone	4.430	43	83175	94.338	ug/l	98
17) Carbon Disulfide	4.712	76	64613	14.641	ug/l	99
18) Methyl Acetate	5.024	43	43994	22.945	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	106663	18.684	ug/l	94
20) Methylene Chloride	5.283	84	34245	18.981	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	29718	17.577	ug/l	90
22) Diisopropyl ether	6.671	45	116155	20.073	ug/l	98
23) Vinyl Acetate	6.606	43	406546	95.935	ug/l	100
24) 1,1-Dichloroethane	6.571	63	64270	19.278	ug/l	100
25) 2-Butanone	7.488	43	123745	106.786	ug/l	98
26) 2,2-Dichloropropane	7.488	77	56848	18.516	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	37641	18.754	ug/l	97
28) Bromochloromethane	7.812	49	33517	23.873	ug/l	96
29) Tetrahydrofuran	7.841	42	74768	109.119	ug/l	96
30) Chloroform	7.965	83	68328	19.305	ug/l	95
31) Cyclohexane	8.259	56	50981	16.038	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	61077	18.767	ug/l	94
36) 1,1-Dichloropropene	8.371	75	42710	18.051	ug/l	98
37) Ethyl Acetate	7.559	43	49259	22.936	ug/l	96
38) Carbon Tetrachloride	8.359	117	49425	18.413	ug/l	97
39) Methylcyclohexane	9.600	83	44225	16.421	ug/l	95
40) Benzene	8.606	78	137345	19.286	ug/l	99

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Quant Time: Sep 26 01:33:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27103	21.337	ug/l	99
42) 1,2-Dichloroethane	8.671	62	51445	19.332	ug/l	99
43) Isopropyl Acetate	8.688	43	81477	20.935	ug/l	97
44) Trichloroethene	9.347	130	32896	19.947	ug/l	96
45) 1,2-Dichloropropane	9.624	63	34864	20.255	ug/l	99
46) Dibromomethane	9.706	93	24396	20.235	ug/l	98
47) Bromodichloromethane	9.888	83	55005	21.081	ug/l	98
48) Methyl methacrylate	9.682	41	38349	20.769	ug/l	95
49) 1,4-Dioxane	9.700	88	13255	436.373	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	245861	116.052	ug/l	98
52) Toluene	10.629	92	85007	19.515	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	52319	19.782	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	56922	20.490	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34293	21.087	ug/l	97
56) Ethyl methacrylate	10.871	69	52540	20.999	ug/l	98
57) 1,3-Dichloropropane	11.159	76	59425	21.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	96721	107.284	ug/l	97
59) 2-Hexanone	11.194	43	182254	116.297	ug/l	97
60) Dibromochloromethane	11.359	129	40082	22.023	ug/l	95
61) 1,2-Dibromoethane	11.465	107	32853	20.256	ug/l	99
64) Tetrachloroethene	11.106	164	27204	18.915	ug/l	98
65) Chlorobenzene	11.888	112	94348	19.628	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	34101	20.464	ug/l	100
67) Ethyl Benzene	11.965	91	160014	18.740	ug/l	100
68) m/p-Xylenes	12.070	106	122220	38.553	ug/l	99
69) o-Xylene	12.400	106	59462	19.375	ug/l	97
70) Styrene	12.412	104	101949	20.242	ug/l	98
71) Bromoform	12.576	173	24989	22.254	ug/l #	99
73) Isopropylbenzene	12.694	105	151131	18.613	ug/l	100
74) N-amyl acetate	12.494	43	72052	20.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48152	20.184	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42686m	20.157	ug/l	
77) Bromobenzene	12.976	156	36890	18.875	ug/l	100
78) n-propylbenzene	13.035	91	183039	19.375	ug/l	99
79) 2-Chlorotoluene	13.123	91	113659	18.865	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	128788	18.813	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16406	20.291	ug/l	91
82) 4-Chlorotoluene	13.223	91	116375	19.248	ug/l	100
83) tert-Butylbenzene	13.435	119	112437	18.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	132063	19.205	ug/l	99
85) sec-Butylbenzene	13.617	105	154373	19.435	ug/l	98
86) p-Isopropyltoluene	13.729	119	123617	18.566	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	69182	18.756	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	67956	18.195	ug/l	98
89) n-Butylbenzene	14.053	91	108774	18.196	ug/l	99
90) Hexachloroethane	14.329	117	25640	19.157	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	65566	18.418	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9724	20.447	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	32230	16.872	ug/l	97
94) Hexachlorobutadiene	15.500	225	14811	18.257	ug/l	99
95) Naphthalene	15.641	128	100993	17.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	31876	17.460	ug/l	97

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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

