

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084160.D
 Acq On : 25 Sep 2024 15:23
 Operator : JC\MD
 Sample : VN0925WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 04:27:05 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	149867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106525	47.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	8.165	113	81460	48.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.565	98	289445	49.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.580%		
62) 4-Bromofluorobenzene	12.847	95	110475	46.066	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	26089	14.990	ug/l	93
3) Chloromethane	2.359	50	29671	15.417	ug/l	94
4) Vinyl Chloride	2.518	62	31702	16.618	ug/l	98
5) Bromomethane	2.965	94	20356	18.584	ug/l	96
6) Chloroethane	3.124	64	21812	16.300	ug/l	94
7) Trichlorofluoromethane	3.500	101	55495	17.137	ug/l	95
8) Diethyl Ether	3.959	74	19647	18.100	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	32051	18.673	ug/l	99
10) Methyl Iodide	4.589	142	35778	16.390	ug/l	95
11) Tert butyl alcohol	5.530	59	32291	106.710	ug/l #	71
12) 1,1-Dichloroethene	4.342	96	28264	17.437	ug/l	91
13) Acrolein	4.183	56	29434	98.583	ug/l	98
14) Allyl chloride	5.030	41	49431	17.114	ug/l	97
15) Acrylonitrile	5.718	53	89265	108.471	ug/l	100
16) Acetone	4.430	43	87173	96.229	ug/l	99
17) Carbon Disulfide	4.712	76	66169	14.593	ug/l	99
18) Methyl Acetate	5.030	43	44722	22.680	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	110321	18.808	ug/l	96
20) Methylene Chloride	5.277	84	35178	18.976	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	29763	17.133	ug/l	89
22) Diisopropyl ether	6.677	45	117789	19.811	ug/l	98
23) Vinyl Acetate	6.606	43	420791	96.641	ug/l	99
24) 1,1-Dichloroethane	6.577	63	64279	18.765	ug/l	98
25) 2-Butanone	7.482	43	126143	105.945	ug/l	97
26) 2,2-Dichloropropane	7.494	77	58876	18.664	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	38506	18.672	ug/l	97
28) Bromochloromethane	7.818	49	32230	22.343	ug/l	97
29) Tetrahydrofuran	7.841	42	77157	109.594	ug/l	99
30) Chloroform	7.965	83	68709	18.894	ug/l	98
31) Cyclohexane	8.259	56	51765	15.850	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	61713	18.455	ug/l	96
36) 1,1-Dichloropropene	8.371	75	44991	17.777	ug/l	98
37) Ethyl Acetate	7.559	43	51003	22.202	ug/l	97
38) Carbon Tetrachloride	8.365	117	51941	18.091	ug/l	97
39) Methylcyclohexane	9.600	83	44951	15.604	ug/l	97
40) Benzene	8.606	78	142301	18.681	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27332	20.116	ug/l	98
42) 1,2-Dichloroethane	8.671	62	51684	18.158	ug/l	99
43) Isopropyl Acetate	8.688	43	84068	20.195	ug/l	98
44) Trichloroethene	9.353	130	33269	18.860	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36678	19.922	ug/l	100
46) Dibromomethane	9.712	93	25281	19.605	ug/l	97
47) Bromodichloromethane	9.888	83	55454	19.870	ug/l	99
48) Methyl methacrylate	9.682	41	39041	19.767	ug/l	99
49) 1,4-Dioxane	9.694	88	13387	412.031	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	252696	111.514	ug/l	99
52) Toluene	10.629	92	87489	18.777	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	54025	19.098	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	58276	19.612	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34219	19.672	ug/l	97
56) Ethyl methacrylate	10.871	69	54640	20.417	ug/l	95
57) 1,3-Dichloropropane	11.165	76	60012	20.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	112621	116.790	ug/l	96
59) 2-Hexanone	11.194	43	186493	111.256	ug/l	100
60) Dibromochloromethane	11.359	129	41736	21.439	ug/l	97
61) 1,2-Dibromoethane	11.470	107	33988	19.592	ug/l	98
64) Tetrachloroethene	11.106	164	28401	18.005	ug/l	97
65) Chlorobenzene	11.894	112	96231	18.254	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	34460	18.856	ug/l	98
67) Ethyl Benzene	11.965	91	167677	17.905	ug/l	97
68) m/p-Xylenes	12.070	106	125314	36.043	ug/l	99
69) o-Xylene	12.394	106	60160	17.874	ug/l	98
70) Styrene	12.412	104	105216	19.048	ug/l	98
71) Bromoform	12.576	173	25620	20.804	ug/l #	97
73) Isopropylbenzene	12.694	105	154686	17.699	ug/l	99
74) N-amyl acetate	12.494	43	72547	19.455	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50218	19.556	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	42295m	18.555	ug/l	
77) Bromobenzene	12.982	156	37914	18.022	ug/l	99
78) n-propylbenzene	13.035	91	187006	18.390	ug/l	98
79) 2-Chlorotoluene	13.123	91	116402	17.949	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	130222	17.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16737	19.230	ug/l	94
82) 4-Chlorotoluene	13.217	91	118504	18.209	ug/l	100
83) tert-Butylbenzene	13.435	119	113717	17.639	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	135853	18.354	ug/l	98
85) sec-Butylbenzene	13.617	105	156146	18.263	ug/l	100
86) p-Isopropyltoluene	13.729	119	129539	18.074	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	70064	17.646	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	71515	17.788	ug/l	99
89) n-Butylbenzene	14.053	91	109154	16.963	ug/l	99
90) Hexachloroethane	14.335	117	25587	17.760	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	69074	18.026	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10110	19.750	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32398	15.756	ug/l	100
94) Hexachlorobutadiene	15.494	225	15361	17.591	ug/l	94
95) Naphthalene	15.641	128	105884	16.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32892	16.738	ug/l	99

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

