

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083739.D
 Acq On : 10 Sep 2024 00:11
 Operator : JC\MD
 Sample : VN0909WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 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 02:21:53 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	8.218	168	134250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114436	60.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.980%			
35) Dibromofluoromethane	8.165	113	82487	55.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.460%			
50) Toluene-d8	10.565	98	295401	51.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.847	95	116764	54.687	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30447	21.429	ug/l	99
3) Chloromethane	2.359	50	33847	20.450	ug/l	97
4) Vinyl Chloride	2.512	62	31925	19.273	ug/l	99
5) Bromomethane	2.906	94	17486	20.081	ug/l	88
6) Chloroethane	3.077	64	22032	20.354	ug/l	92
7) Trichlorofluoromethane	3.477	101	53927	19.769	ug/l	100
8) Diethyl Ether	3.959	74	18441	18.911	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	28531	19.286	ug/l	98
10) Methyl Iodide	4.577	142	31473	15.728	ug/l #	95
11) Tert butyl alcohol	5.536	59	25262	86.353	ug/l #	88
12) 1,1-Dichloroethene	4.324	96	28076	19.090	ug/l	94
13) Acrolein	4.171	56	25986	93.891	ug/l	93
14) Allyl chloride	5.018	41	47297	18.037	ug/l	98
15) Acrylonitrile	5.718	53	69450	96.263	ug/l	100
16) Acetone	4.430	43	63207	84.476	ug/l	96
17) Carbon Disulfide	4.700	76	71274	16.630	ug/l	98
18) Methyl Acetate	5.018	43	36301	18.243	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	98443	18.870	ug/l	100
20) Methylene Chloride	5.265	84	31397	19.002	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	28110	18.349	ug/l	95
22) Diisopropyl ether	6.671	45	100599	19.456	ug/l	97
23) Vinyl Acetate	6.600	43	373276	97.416	ug/l	97
24) 1,1-Dichloroethane	6.565	63	56956	19.316	ug/l	100
25) 2-Butanone	7.483	43	93606	91.885	ug/l	98
26) 2,2-Dichloropropane	7.488	77	45019	16.399	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	34459	18.850	ug/l	98
28) Bromochloromethane	7.812	49	28330	20.575	ug/l	94
29) Tetrahydrofuran	7.835	42	60912	96.396	ug/l	97
30) Chloroform	7.959	83	60473	19.466	ug/l	93
31) Cyclohexane	8.253	56	51506	17.746	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	56653	20.168	ug/l	97
36) 1,1-Dichloropropene	8.371	75	39671	17.572	ug/l	99
37) Ethyl Acetate	7.559	43	39975	17.792	ug/l	97
38) Carbon Tetrachloride	8.359	117	47755	18.540	ug/l	95
39) Methylcyclohexane	9.594	83	46438	17.142	ug/l	99
40) Benzene	8.600	78	124728	17.960	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23322	18.190	ug/l	97
42) 1,2-Dichloroethane	8.671	62	49177	19.103	ug/l	98
43) Isopropyl Acetate	8.688	43	70203	14.738	ug/l	97
44) Trichloroethene	9.347	130	29737	17.800	ug/l	98
45) 1,2-Dichloropropane	9.618	63	30726	18.993	ug/l	99
46) Dibromomethane	9.706	93	21377	17.911	ug/l	97
47) Bromodichloromethane	9.882	83	46658	18.365	ug/l #	98
48) Methyl methacrylate	9.682	41	33643	18.256	ug/l	98
49) 1,4-Dioxane	9.694	88	10988	363.884	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	198848	95.196	ug/l	97
52) Toluene	10.629	92	77598	17.866	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	44395	16.879	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	47632	17.254	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	28514	18.393	ug/l	97
56) Ethyl methacrylate	10.871	69	45709	17.823	ug/l	93
57) 1,3-Dichloropropane	11.165	76	50648	18.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	84851	76.143	ug/l	98
59) 2-Hexanone	11.194	43	142238	90.736	ug/l	97
60) Dibromochloromethane	11.359	129	32235	17.945	ug/l	98
61) 1,2-Dibromoethane	11.465	107	28411	17.938	ug/l	99
64) Tetrachloroethene	11.100	164	25118	17.583	ug/l	92
65) Chlorobenzene	11.888	112	80186	16.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	28704	17.443	ug/l	99
67) Ethyl Benzene	11.965	91	149194	17.148	ug/l	99
68) m/p-Xylenes	12.070	106	107434	32.779	ug/l	99
69) o-Xylene	12.394	106	53455	16.875	ug/l	98
70) Styrene	12.412	104	88272	16.573	ug/l	98
71) Bromoform	12.576	173	20120	17.165	ug/l #	98
73) Isopropylbenzene	12.694	105	136081	15.562	ug/l	100
74) N-amyl acetate	12.494	43	60492	15.938	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	41222	16.605	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	35060m	16.073	ug/l	
77) Bromobenzene	12.982	156	31011	15.116	ug/l	99
78) n-propylbenzene	13.035	91	155628	15.393	ug/l	99
79) 2-Chlorotoluene	13.123	91	100125	15.283	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	113314	15.382	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	10882	11.766	ug/l	91
82) 4-Chlorotoluene	13.223	91	97718	14.682	ug/l	98
83) tert-Butylbenzene	13.435	119	101086	15.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	117172	15.802	ug/l	98
85) sec-Butylbenzene	13.617	105	134443	15.444	ug/l	99
86) p-Isopropyltoluene	13.729	119	107113	14.732	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	57575	14.457	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	58345	14.258	ug/l	99
89) n-Butylbenzene	14.059	91	89141	13.938	ug/l	98
90) Hexachloroethane	14.335	117	21610	15.270	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	57831	15.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8170	15.175	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	27359	12.580	ug/l	96
94) Hexachlorobutadiene	15.500	225	12126	13.923	ug/l	97
95) Naphthalene	15.641	128	89928	12.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27917	12.850	ug/l	98

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

