

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083754.D
 Acq On : 10 Sep 2024 16:07
 Operator : JC\MD
 Sample : VN0910WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 03:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109835	46.908	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	8.165	113	78712	45.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	10.565	98	287623	48.443	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.847	95	110429	45.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34938	19.373	ug/l	100
3) Chloromethane	2.359	50	36589	18.713	ug/l	98
4) Vinyl Chloride	2.512	62	37034	18.735	ug/l	98
5) Bromomethane	2.900	94	21715	19.133	ug/l	100
6) Chloroethane	3.071	64	25474	18.372	ug/l	94
7) Trichlorofluoromethane	3.465	101	62071	18.499	ug/l	93
8) Diethyl Ether	3.959	74	20417	18.153	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.347	101	34170	19.213	ug/l	98
10) Methyl Iodide	4.577	142	43140	19.073	ug/l	99
11) Tert butyl alcohol	5.536	59	32477	103.580	ug/l #	83
12) 1,1-Dichloroethene	4.330	96	31428	18.712	ug/l	86
13) Acrolein	4.177	56	32462	104.931	ug/l	96
14) Allyl chloride	5.006	41	56591	18.909	ug/l	97
15) Acrylonitrile	5.718	53	83057	97.406	ug/l	99
16) Acetone	4.430	43	90182	96.077	ug/l	96
17) Carbon Disulfide	4.700	76	83426	17.757	ug/l	99
18) Methyl Acetate	5.024	43	43151	20.987	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	115146	18.945	ug/l	94
20) Methylene Chloride	5.271	84	36477	18.990	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	32664	18.147	ug/l	96
22) Diisopropyl ether	6.671	45	115246	18.707	ug/l	97
23) Vinyl Acetate	6.600	43	439901	97.505	ug/l	99
24) 1,1-Dichloroethane	6.559	63	65642	18.494	ug/l	99
25) 2-Butanone	7.482	43	120379	97.576	ug/l	98
26) 2,2-Dichloropropane	7.488	77	60404	18.480	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	39615	18.540	ug/l	97
28) Bromochloromethane	7.812	49	29949	20.037	ug/l	98
29) Tetrahydrofuran	7.841	42	74078	101.550	ug/l	97
30) Chloroform	7.965	83	68713	18.235	ug/l	99
31) Cyclohexane	8.253	56	60268	17.809	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	63454	18.314	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46881	18.135	ug/l	97
37) Ethyl Acetate	7.565	43	48268	20.571	ug/l	99
38) Carbon Tetrachloride	8.359	117	55419	18.897	ug/l	99
39) Methylcyclohexane	9.600	83	54969	18.682	ug/l	98
40) Benzene	8.606	78	146220	18.793	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26555	19.134	ug/l	96
42) 1,2-Dichloroethane	8.671	62	54955	18.902	ug/l	100
43) Isopropyl Acetate	8.688	43	82497	19.401	ug/l	97
44) Trichloroethene	9.353	130	33656	18.679	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34803	18.507	ug/l	96
46) Dibromomethane	9.706	93	25572	19.414	ug/l	98
47) Bromodichloromethane	9.888	83	53470	18.757	ug/l	99
48) Methyl methacrylate	9.682	41	38684	19.176	ug/l	97
49) 1,4-Dioxane	9.694	88	12964	390.637	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	235084	101.564	ug/l	98
52) Toluene	10.629	92	89075	18.716	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	54667	18.919	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57857	19.062	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	33691	18.962	ug/l	95
56) Ethyl methacrylate	10.876	69	53210	19.465	ug/l	93
57) 1,3-Dichloropropane	11.159	76	59317	19.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	93773	95.203	ug/l	95
59) 2-Hexanone	11.194	43	177106	103.438	ug/l	96
60) Dibromochloromethane	11.359	129	37963	19.092	ug/l	100
61) 1,2-Dibromoethane	11.470	107	34141	19.267	ug/l	97
64) Tetrachloroethene	11.100	164	27563	17.786	ug/l	96
65) Chlorobenzene	11.894	112	95019	18.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	34311	19.110	ug/l	98
67) Ethyl Benzene	11.965	91	172772	18.779	ug/l	95
68) m/p-Xylenes	12.070	106	126301	36.976	ug/l	98
69) o-Xylene	12.400	106	62752	18.977	ug/l	98
70) Styrene	12.412	104	103357	19.046	ug/l	99
71) Bromoform	12.576	173	23863	19.723	ug/l #	98
73) Isopropylbenzene	12.694	105	160940	18.465	ug/l	100
74) N-amyl acetate	12.494	43	72476	19.490	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	49910	19.489	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	41121m	18.547	ug/l	
77) Bromobenzene	12.982	156	37360	17.807	ug/l	99
78) n-propylbenzene	13.035	91	186432	18.384	ug/l	98
79) 2-Chlorotoluene	13.123	91	121802	18.833	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	133892	18.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17296	19.928	ug/l	97
82) 4-Chlorotoluene	13.223	91	120449	18.559	ug/l	98
83) tert-Butylbenzene	13.435	119	120350	18.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138521	18.766	ug/l	99
85) sec-Butylbenzene	13.617	105	158826	18.628	ug/l	99
86) p-Isopropyltoluene	13.729	119	131843	18.447	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	71656	18.097	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	70441	17.570	ug/l	98
89) n-Butylbenzene	14.053	91	115369	17.978	ug/l	99
90) Hexachloroethane	14.329	117	26057	18.136	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	70785	18.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10229	20.037	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	35681	17.401	ug/l	99
94) Hexachlorobutadiene	15.500	225	15646	17.967	ug/l	97
95) Naphthalene	15.641	128	115828	18.566	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	33713	17.203	ug/l	96

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

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