

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084434.D
 Acq On : 21 Oct 2024 14:22
 Operator : JC\MD
 Sample : VN1021WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123457	51.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.165	113	97003	52.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	10.565	98	350013	51.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	129081	52.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32472	16.833	ug/l	93
3) Chloromethane	2.359	50	35804	16.255	ug/l	98
4) Vinyl Chloride	2.512	62	36441	17.080	ug/l	99
5) Bromomethane	2.959	94	23913	16.992	ug/l	99
6) Chloroethane	3.118	64	24475	16.017	ug/l	96
7) Trichlorofluoromethane	3.501	101	63283	19.047	ug/l	90
8) Diethyl Ether	3.959	74	23522	19.089	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	36689	19.273	ug/l	98
10) Methyl Iodide	4.589	142	44167	18.016	ug/l	99
11) Tert butyl alcohol	5.518	59	35053	87.914	ug/l	97
12) 1,1-Dichloroethene	4.342	96	32588	17.747	ug/l	96
13) Acrolein	4.189	56	24397	53.300	ug/l	98
14) Allyl chloride	5.024	41	53083	16.646	ug/l	99
15) Acrylonitrile	5.718	53	102471	101.771	ug/l	97
16) Acetone	4.430	43	95163	91.613	ug/l	94
17) Carbon Disulfide	4.712	76	84276	14.496	ug/l	96
18) Methyl Acetate	5.030	43	54347	24.005	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	122872	19.826	ug/l	98
20) Methylene Chloride	5.271	84	42636	20.192	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	35388	18.395	ug/l	95
22) Diisopropyl ether	6.671	45	130999	19.859	ug/l	99
23) Vinyl Acetate	6.606	43	504977	103.215	ug/l	99
24) 1,1-Dichloroethane	6.571	63	72128	19.553	ug/l	96
25) 2-Butanone	7.483	43	136944	96.795	ug/l	97
26) 2,2-Dichloropropane	7.489	77	64755	19.469	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	44686	19.222	ug/l	98
28) Bromochloromethane	7.812	49	35788	21.744	ug/l	99
29) Tetrahydrofuran	7.841	42	85661	98.113	ug/l	97
30) Chloroform	7.965	83	76845	20.055	ug/l	97
31) Cyclohexane	8.253	56	58106	16.223	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68247	19.832	ug/l	96
36) 1,1-Dichloropropene	8.371	75	49846	18.689	ug/l	99
37) Ethyl Acetate	7.559	43	52425	19.160	ug/l	99
38) Carbon Tetrachloride	8.359	117	56628	19.356	ug/l	96
39) Methylcyclohexane	9.600	83	50490	17.009	ug/l	98
40) Benzene	8.606	78	162968	19.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29826	20.079	ug/l	97
42) 1,2-Dichloroethane	8.671	62	58026	20.598	ug/l	99
43) Isopropyl Acetate	8.688	43	88049	16.429	ug/l	97
44) Trichloroethene	9.353	130	37926	19.541	ug/l	97
45) 1,2-Dichloropropane	9.624	63	41049	20.882	ug/l	96
46) Dibromomethane	9.712	93	29187	22.002	ug/l	99
47) Bromodichloromethane	9.888	83	61715	20.940	ug/l	98
48) Methyl methacrylate	9.682	41	40695	19.075	ug/l	97
49) 1,4-Dioxane	9.694	88	16333	415.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	271816	104.354	ug/l	99
52) Toluene	10.629	92	102809	20.289	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	59188	19.701	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	64640	20.003	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	40810	22.465	ug/l	96
56) Ethyl methacrylate	10.871	69	59539	19.919	ug/l	98
57) 1,3-Dichloropropane	11.165	76	68931	21.236	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	141699	102.191	ug/l	97
59) 2-Hexanone	11.194	43	198917	102.176	ug/l	99
60) Dibromochloromethane	11.359	129	46724	21.769	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39150	20.741	ug/l	100
64) Tetrachloroethene	11.106	164	34348	19.288	ug/l	94
65) Chlorobenzene	11.888	112	110738	19.535	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39189	20.071	ug/l	99
67) Ethyl Benzene	11.965	91	184057	18.360	ug/l	99
68) m/p-Xylenes	12.071	106	144045	38.843	ug/l	98
69) o-Xylene	12.400	106	66105	18.841	ug/l	93
70) Styrene	12.412	104	117753	19.814	ug/l	99
71) Bromoform	12.576	173	29825	20.747	ug/l #	99
73) Isopropylbenzene	12.694	105	173820	18.352	ug/l	99
74) N-amyl acetate	12.494	43	73994	17.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58745	20.627	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55231m	21.797	ug/l	
77) Bromobenzene	12.976	156	44718	19.574	ug/l	95
78) n-propylbenzene	13.035	91	210981	19.226	ug/l	100
79) 2-Chlorotoluene	13.123	91	129620	18.511	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	148466	19.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18939	17.919	ug/l	99
82) 4-Chlorotoluene	13.218	91	135329	19.198	ug/l	97
83) tert-Butylbenzene	13.435	119	126785	18.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	153677	19.745	ug/l	98
85) sec-Butylbenzene	13.618	105	175585	19.162	ug/l	100
86) p-Isopropyltoluene	13.729	119	145633	19.220	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	82553	19.262	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83788	19.359	ug/l	98
89) n-Butylbenzene	14.059	91	122012	17.758	ug/l	99
90) Hexachloroethane	14.329	117	27657	17.982	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	78881	18.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10881	18.515	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38616	18.655	ug/l	99
94) Hexachlorobutadiene	15.506	225	17729	17.175	ug/l	99
95) Naphthalene	15.641	128	115061	16.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37660	18.175	ug/l	99

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

