

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084480.D
 Acq On : 24 Oct 2024 11:58
 Operator : JC\MD
 Sample : VN1024WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:56:50 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	156745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122737	52.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.620%			
35) Dibromofluoromethane	8.165	113	97893	54.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	10.565	98	349425	53.130	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.847	95	128700	53.715	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29277	15.791	ug/l	92
3) Chloromethane	2.365	50	38277	18.081	ug/l	99
4) Vinyl Chloride	2.512	62	38103	18.581	ug/l	92
5) Bromomethane	2.965	94	25833	19.099	ug/l	98
6) Chloroethane	3.118	64	25401	17.296	ug/l	99
7) Trichlorofluoromethane	3.494	101	64527	20.208	ug/l	98
8) Diethyl Ether	3.965	74	23367	19.731	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	37448	20.467	ug/l	99
10) Methyl Iodide	4.589	142	45602	19.353	ug/l	95
11) Tert butyl alcohol	5.524	59	35368	92.293	ug/l	97
12) 1,1-Dichloroethene	4.347	96	34925	19.789	ug/l	94
13) Acrolein	4.177	56	48920	111.198	ug/l	99
14) Allyl chloride	5.030	41	57384	18.722	ug/l	97
15) Acrylonitrile	5.718	53	103618	107.074	ug/l	99
16) Acetone	4.430	43	97285	97.445	ug/l	100
17) Carbon Disulfide	4.712	76	101530	18.171	ug/l	97
18) Methyl Acetate	5.024	43	47143	21.665	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	126610	21.255	ug/l	100
20) Methylene Chloride	5.283	84	43363	21.367	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	39178	21.189	ug/l	98
22) Diisopropyl ether	6.671	45	136618	21.549	ug/l	99
23) Vinyl Acetate	6.600	43	480844	102.258	ug/l	98
24) 1,1-Dichloroethane	6.571	63	77838	21.955	ug/l	96
25) 2-Butanone	7.482	43	138203	101.636	ug/l	97
26) 2,2-Dichloropropane	7.488	77	64808	20.273	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	46765	20.931	ug/l	97
28) Bromochloromethane	7.812	49	32514	20.554	ug/l	92
29) Tetrahydrofuran	7.841	42	87708	104.521	ug/l	98
30) Chloroform	7.965	83	80728	21.920	ug/l	95
31) Cyclohexane	8.259	56	62812	18.247	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	71908	21.741	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53581	20.635	ug/l	99
37) Ethyl Acetate	7.559	43	54005	20.273	ug/l	97
38) Carbon Tetrachloride	8.359	117	60061	21.087	ug/l	98
39) Methylcyclohexane	9.600	83	55670	19.264	ug/l	97
40) Benzene	8.606	78	175439	21.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30332	20.974	ug/l	98
42) 1,2-Dichloroethane	8.671	62	61200	22.315	ug/l	99
43) Isopropyl Acetate	8.688	43	89618	17.176	ug/l	96
44) Trichloroethene	9.353	130	40707	21.544	ug/l	100
45) 1,2-Dichloropropane	9.618	63	42830	22.380	ug/l	98
46) Dibromomethane	9.712	93	30890	23.918	ug/l	99
47) Bromodichloromethane	9.888	83	64987	22.649	ug/l	96
48) Methyl methacrylate	9.682	41	43117	20.759	ug/l	98
49) 1,4-Dioxane	9.694	88	16677	436.137	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	279914	110.382	ug/l	100
52) Toluene	10.629	92	107557	21.802	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61663	21.083	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	68170	21.669	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	41245	23.322	ug/l	99
56) Ethyl methacrylate	10.876	69	62205	21.376	ug/l	100
57) 1,3-Dichloropropane	11.165	76	69060	21.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	114532	84.842	ug/l	97
59) 2-Hexanone	11.194	43	202292	106.732	ug/l	100
60) Dibromochloromethane	11.359	129	49288	23.588	ug/l	98
61) 1,2-Dibromoethane	11.470	107	40644	22.117	ug/l	98
64) Tetrachloroethene	11.100	164	35406	20.891	ug/l	97
65) Chlorobenzene	11.888	112	115065	21.328	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	40900	22.010	ug/l	100
67) Ethyl Benzene	11.965	91	194835	20.421	ug/l	99
68) m/p-Xylenes	12.070	106	152025	43.075	ug/l	100
69) o-Xylene	12.394	106	71105	21.294	ug/l	99
70) Styrene	12.412	104	121893	21.552	ug/l	98
71) Bromoform	12.576	173	32108	23.469	ug/l #	98
73) Isopropylbenzene	12.694	105	181431	20.232	ug/l	100
74) N-amyl acetate	12.494	43	78289	19.279	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58252	21.603	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	48239m	20.107	ug/l	
77) Bromobenzene	12.976	156	45355	20.968	ug/l	97
78) n-propylbenzene	13.035	91	216178	20.807	ug/l	99
79) 2-Chlorotoluene	13.123	91	136659	20.613	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	155702	21.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19734	19.720	ug/l	92
82) 4-Chlorotoluene	13.223	91	139101	20.842	ug/l	100
83) tert-Butylbenzene	13.435	119	129914	19.982	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	155599	21.115	ug/l	99
85) sec-Butylbenzene	13.617	105	178833	20.613	ug/l	98
86) p-Isopropyltoluene	13.729	119	146327	20.396	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	82963	20.445	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	84146	20.534	ug/l	100
89) n-Butylbenzene	14.053	91	121997	18.754	ug/l	98
90) Hexachloroethane	14.329	117	28439	19.529	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	79751	20.043	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10809	19.425	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	37521	19.145	ug/l	99
94) Hexachlorobutadiene	15.494	225	18436	18.863	ug/l	97
95) Naphthalene	15.641	128	112387	17.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	38615	19.683	ug/l	96

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

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