

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084649.D
 Acq On : 04 Nov 2024 11:38
 Operator : JC\MD
 Sample : VN1104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 05 00:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	179675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124745	48.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	8.165	113	98169	48.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.565	98	368818	49.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.847	95	134644	47.870	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	37258	18.038	ug/l	96
3) Chloromethane	2.359	50	43435	16.218	ug/l	97
4) Vinyl Chloride	2.512	62	41327	18.603	ug/l	99
5) Bromomethane	2.900	94	21391	18.173	ug/l	95
6) Chloroethane	3.077	64	27236	18.939	ug/l	91
7) Trichlorofluoromethane	3.471	101	67928	18.562	ug/l	94
8) Diethyl Ether	3.953	74	24235	18.773	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	40891	19.775	ug/l	98
10) Methyl Iodide	4.583	142	52720	19.076	ug/l #	97
11) Tert butyl alcohol	5.530	59	31680	92.483	ug/l #	92
12) 1,1-Dichloroethene	4.324	96	36851	18.010	ug/l	96
13) Acrolein	4.171	56	30978	90.691	ug/l	100
14) Allyl chloride	5.012	41	61350	18.488	ug/l	92
15) Acrylonitrile	5.718	53	97563	98.383	ug/l	98
16) Acetone	4.424	43	74720	97.941	ug/l	91
17) Carbon Disulfide	4.700	76	104247	16.544	ug/l	99
18) Methyl Acetate	5.018	43	52700	16.577	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	124721	19.887	ug/l	100
20) Methylene Chloride	5.271	84	43048	18.860	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	38799	18.467	ug/l	93
22) Diisopropyl ether	6.665	45	130692	19.821	ug/l	97
23) Vinyl Acetate	6.594	43	448480	98.633	ug/l	98
24) 1,1-Dichloroethane	6.559	63	75985	19.195	ug/l	96
25) 2-Butanone	7.483	43	120370	99.421	ug/l	97
26) 2,2-Dichloropropane	7.483	77	66184	19.209	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	46525	18.965	ug/l	97
28) Bromochloromethane	7.812	49	36439	23.104	ug/l	91
29) Tetrahydrofuran	7.835	42	76447	95.178	ug/l	93
30) Chloroform	7.959	83	79867	19.822	ug/l	94
31) Cyclohexane	8.253	56	66769	18.636	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	70252	19.157	ug/l	96
36) 1,1-Dichloropropene	8.365	75	52081	18.381	ug/l	100
37) Ethyl Acetate	7.553	43	52105	20.268	ug/l	99
38) Carbon Tetrachloride	8.359	117	60684	19.161	ug/l	93
39) Methylcyclohexane	9.594	83	54540	18.921	ug/l	99
40) Benzene	8.600	78	173565	19.074	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27214	19.685	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57910	19.650	ug/l	99
43) Isopropyl Acetate	8.688	43	89019	18.128	ug/l	98
44) Trichloroethene	9.347	130	39303	18.728	ug/l	94
45) 1,2-Dichloropropane	9.618	63	42639	19.975	ug/l	100
46) Dibromomethane	9.706	93	29954	19.887	ug/l	97
47) Bromodichloromethane	9.882	83	62344	19.636	ug/l #	98
48) Methyl methacrylate	9.676	41	39444	19.714	ug/l	96
49) 1,4-Dioxane	9.694	88	14657	413.395	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	250510	102.218	ug/l	99
52) Toluene	10.629	92	106132	19.942	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	61366	18.672	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	67066	19.280	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	40758	20.331	ug/l	93
56) Ethyl methacrylate	10.871	69	60650	20.916	ug/l	95
57) 1,3-Dichloropropane	11.159	76	68306	19.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	151880	111.934	ug/l	98
59) 2-Hexanone	11.194	43	183335	102.774	ug/l	97
60) Dibromochloromethane	11.359	129	45901	20.090	ug/l	98
61) 1,2-Dibromoethane	11.465	107	41018	19.981	ug/l	98
64) Tetrachloroethene	11.100	164	34644	19.353	ug/l	98
65) Chlorobenzene	11.888	112	114445	19.009	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	42079	20.093	ug/l	98
67) Ethyl Benzene	11.959	91	189853	18.891	ug/l	99
68) m/p-Xylenes	12.070	106	146092	38.398	ug/l	99
69) o-Xylene	12.394	106	71521	20.095	ug/l	99
70) Styrene	12.406	104	122247	19.689	ug/l	98
71) Bromoform	12.576	173	31711	20.124	ug/l #	100
73) Isopropylbenzene	12.694	105	177270	18.939	ug/l	99
74) N-amyl acetate	12.494	43	73844	18.536	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	57427	18.381	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	47309m	17.719	ug/l	
77) Bromobenzene	12.976	156	46627	18.531	ug/l	91
78) n-propylbenzene	13.035	91	205965	18.778	ug/l	99
79) 2-Chlorotoluene	13.123	91	134821	18.812	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	156768	20.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20987m	18.648	ug/l	
82) 4-Chlorotoluene	13.217	91	134655	17.853	ug/l	98
83) tert-Butylbenzene	13.435	119	127633	19.879	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	157397	19.658	ug/l	98
85) sec-Butylbenzene	13.612	105	174353	19.225	ug/l	100
86) p-Isopropyltoluene	13.729	119	144995	19.494	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	85264	17.363	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	85299	18.226	ug/l	99
89) n-Butylbenzene	14.053	91	121690	17.490	ug/l	99
90) Hexachloroethane	14.329	117	30030	18.104	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	83166	17.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10979	17.347	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	40969	15.862	ug/l	97
94) Hexachlorobutadiene	15.494	225	18798	16.573	ug/l	99
95) Naphthalene	15.635	128	125207	16.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40529	16.165	ug/l	98

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

