

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084982.D
 Acq On : 20 Nov 2024 20:34
 Operator : JC\MD
 Sample : VN1120WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:48:01 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	8.224	168	152907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114230	51.723	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.440%			
35) Dibromofluoromethane	8.159	113	91248	50.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	10.565	98	313909	47.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.460%			
62) 4-Bromofluorobenzene	12.847	95	125548	50.545	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34562	19.662	ug/l	99
3) Chloromethane	2.359	50	37667	16.577	ug/l	98
4) Vinyl Chloride	2.512	62	35774	18.922	ug/l	91
5) Bromomethane	2.900	94	19214	19.181	ug/l	98
6) Chloroethane	3.077	64	22681	18.502	ug/l	94
7) Trichlorofluoromethane	3.471	101	60720	19.497	ug/l	94
8) Diethyl Ether	3.953	74	20654	18.800	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	32772	18.623	ug/l	95
10) Methyl Iodide	4.583	142	44856	19.072	ug/l	99
11) Tert butyl alcohol	5.536	59	30573	104.876	ug/l	99
12) 1,1-Dichloroethene	4.330	96	31189	17.911	ug/l	98
13) Acrolein	4.171	56	25199	86.687	ug/l	98
14) Allyl chloride	5.018	41	51587	18.268	ug/l	94
15) Acrylonitrile	5.718	53	85328	101.109	ug/l	99
16) Acetone	4.430	43	71297	110.164	ug/l	97
17) Carbon Disulfide	4.700	76	89124	16.620	ug/l	97
18) Methyl Acetate	5.018	43	49465	18.730	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	101746	19.064	ug/l	96
20) Methylene Chloride	5.259	84	36933	19.014	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	32924	18.414	ug/l	98
22) Diisopropyl ether	6.665	45	109832	19.574	ug/l	97
23) Vinyl Acetate	6.600	43	390172	100.831	ug/l	100
24) 1,1-Dichloroethane	6.565	63	64019	19.003	ug/l	99
25) 2-Butanone	7.482	43	111299	108.022	ug/l	98
26) 2,2-Dichloropropane	7.482	77	51408	17.533	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	38034	18.218	ug/l	98
28) Bromochloromethane	7.812	49	27051	20.155	ug/l	96
29) Tetrahydrofuran	7.835	42	70167	102.653	ug/l	94
30) Chloroform	7.959	83	66479	19.388	ug/l	99
31) Cyclohexane	8.253	56	54537	17.887	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	60845	19.496	ug/l	95
36) 1,1-Dichloropropene	8.365	75	43515	17.391	ug/l	98
37) Ethyl Acetate	7.559	43	45238	19.927	ug/l	99
38) Carbon Tetrachloride	8.359	117	54439	19.465	ug/l	93
39) Methylcyclohexane	9.600	83	44992	17.675	ug/l	98
40) Benzene	8.600	78	143811	17.896	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25063	20.529	ug/l	99
42) 1,2-Dichloroethane	8.665	62	49509	19.024	ug/l	100
43) Isopropyl Acetate	8.694	43	171473	40.705	ug/l #	78
44) Trichloroethene	9.353	130	32132	17.338	ug/l	95
45) 1,2-Dichloropropane	9.618	63	34804	18.463	ug/l	99
46) Dibromomethane	9.706	93	24056	18.085	ug/l	95
47) Bromodichloromethane	9.888	83	51390	18.328	ug/l #	98
48) Methyl methacrylate	9.676	41	34485	19.518	ug/l	96
49) 1,4-Dioxane	9.700	88	12762	407.603	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	231343	106.895	ug/l	100
52) Toluene	10.629	92	87002	18.512	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	48918	16.855	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	54329	17.687	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	33918	19.159	ug/l	97
56) Ethyl methacrylate	10.871	69	50083	19.558	ug/l	97
57) 1,3-Dichloropropane	11.159	76	56421	18.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	111870	93.362	ug/l	99
59) 2-Hexanone	11.194	43	167822	106.534	ug/l	99
60) Dibromochloromethane	11.359	129	38433	19.049	ug/l	100
61) 1,2-Dibromoethane	11.465	107	32704	18.040	ug/l	99
64) Tetrachloroethene	11.100	164	27789	18.020	ug/l	96
65) Chlorobenzene	11.888	112	92090	17.755	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33837	18.756	ug/l	98
67) Ethyl Benzene	11.965	91	156291	18.052	ug/l	98
68) m/p-Xylenes	12.070	106	120037	36.622	ug/l	100
69) o-Xylene	12.400	106	58460	19.066	ug/l	99
70) Styrene	12.412	104	95549	17.863	ug/l	99
71) Bromoform	12.582	173	25788	18.996	ug/l #	98
73) Isopropylbenzene	12.694	105	144330	17.209	ug/l	99
74) N-amyl acetate	12.494	43	65496	18.348	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	49697	17.753	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42840m	17.907	ug/l	
77) Bromobenzene	12.982	156	36601	16.234	ug/l	96
78) n-propylbenzene	13.035	91	168306	17.125	ug/l	99
79) 2-Chlorotoluene	13.123	91	110671	17.234	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	122387	17.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16717	16.578	ug/l	97
82) 4-Chlorotoluene	13.223	91	109045	16.135	ug/l	99
83) tert-Butylbenzene	13.441	119	105393	18.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	126386	17.617	ug/l	98
85) sec-Butylbenzene	13.617	105	136668	16.818	ug/l	100
86) p-Isopropyltoluene	13.729	119	115130	17.275	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	66030	15.007	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	67804	16.062	ug/l	99
89) n-Butylbenzene	14.053	91	90392	14.499	ug/l	97
90) Hexachloroethane	14.335	117	23701	15.947	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	66831	15.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9980	17.598	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	30101	13.007	ug/l	99
94) Hexachlorobutadiene	15.506	225	14187	13.959	ug/l	98
95) Naphthalene	15.641	128	95370	13.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	29583	13.168	ug/l	96

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

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