

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085221.D
 Acq On : 17 Dec 2024 13:32
 Operator : JC\MD
 Sample : VN1217WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Quant Time: Dec 18 00:23:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105600	51.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.165	113	85035	55.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	10.565	98	289565	52.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.847	95	106611	51.762	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47365	29.201	ug/l	95
3) Chloromethane	2.359	50	37939	20.166	ug/l	99
4) Vinyl Chloride	2.506	62	42768	25.297	ug/l	99
5) Bromomethane	2.953	94	25641	27.059	ug/l	91
6) Chloroethane	3.118	64	26101	22.904	ug/l	99
7) Trichlorofluoromethane	3.500	101	67119	23.338	ug/l	95
8) Diethyl Ether	3.959	74	19930	20.360	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	36888	22.614	ug/l	100
10) Methyl Iodide	4.589	142	40643	18.824	ug/l	97
11) Tert butyl alcohol	5.530	59	31054	113.730	ug/l	95
12) 1,1-Dichloroethene	4.336	96	33016	21.685	ug/l	96
13) Acrolein	4.183	56	11711	64.276	ug/l	94
14) Allyl chloride	5.030	41	46063	17.946	ug/l	92
15) Acrylonitrile	5.718	53	87357	113.003	ug/l	98
16) Acetone	4.430	43	71052	119.397	ug/l	94
17) Carbon Disulfide	4.712	76	99805	22.208	ug/l	97
18) Methyl Acetate	5.024	43	42112	21.486	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	106634	21.435	ug/l	94
20) Methylene Chloride	5.277	84	38418	21.156	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	34541	21.558	ug/l	93
22) Diisopropyl ether	6.677	45	107663	20.841	ug/l	99
23) Vinyl Acetate	6.606	43	386351	108.408	ug/l	98
24) 1,1-Dichloroethane	6.565	63	65024	21.034	ug/l	98
25) 2-Butanone	7.488	43	112073	115.192	ug/l	100
26) 2,2-Dichloropropane	7.488	77	59815	20.721	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	39301	20.347	ug/l	99
28) Bromochloromethane	7.812	49	24182	20.722	ug/l	95
29) Tetrahydrofuran	7.841	42	73783	121.949	ug/l	99
30) Chloroform	7.965	83	70291	21.375	ug/l	99
31) Cyclohexane	8.259	56	54878	20.162	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	66355	22.330	ug/l	96
36) 1,1-Dichloropropene	8.371	75	46801	22.483	ug/l	100
37) Ethyl Acetate	7.565	43	47216	24.951	ug/l	100
38) Carbon Tetrachloride	8.359	117	59756	24.870	ug/l	97
39) Methylcyclohexane	9.600	83	46847	21.658	ug/l	97
40) Benzene	8.606	78	146591	22.266	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	23840	22.753	ug/l	93
42) 1,2-Dichloroethane	8.671	62	52262	23.204	ug/l	99
43) Isopropyl Acetate	8.688	43	77292	19.663	ug/l	99
44) Trichloroethene	9.353	130	35137	22.965	ug/l	91
45) 1,2-Dichloropropane	9.618	63	35322	21.783	ug/l	97
46) Dibromomethane	9.706	93	27633	24.524	ug/l	97
47) Bromodichloromethane	9.888	83	56193	23.530	ug/l	99
48) Methyl methacrylate	9.682	41	34590	23.647	ug/l	96
49) 1,4-Dioxane	9.700	88	13437	529.713	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	236191	131.553	ug/l	100
52) Toluene	10.629	92	91960	23.594	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	53190	22.216	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	57665	22.703	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	35036	24.134	ug/l	96
56) Ethyl methacrylate	10.870	69	51070	24.074	ug/l	97
57) 1,3-Dichloropropane	11.165	76	57645	22.561	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	96571	92.805	ug/l	98
59) 2-Hexanone	11.194	43	171435	127.670	ug/l	97
60) Dibromochloromethane	11.353	129	43726	24.645	ug/l	100
61) 1,2-Dibromoethane	11.470	107	35592	23.690	ug/l	99
64) Tetrachloroethene	11.100	164	31524	23.210	ug/l	98
65) Chlorobenzene	11.894	112	96999	21.219	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	37109	23.057	ug/l	99
67) Ethyl Benzene	11.965	91	164833	22.226	ug/l	100
68) m/p-Xylenes	12.070	106	129759	45.957	ug/l	98
69) o-Xylene	12.400	106	60198	22.413	ug/l	98
70) Styrene	12.412	104	100992	22.611	ug/l	99
71) Bromoform	12.576	173	28862	24.159	ug/l #	98
73) Isopropylbenzene	12.694	105	151635	21.555	ug/l	99
74) N-amyl acetate	12.494	43	64894	22.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	50345	20.958	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	42233m	23.284	ug/l	
77) Bromobenzene	12.982	156	39160	20.685	ug/l	99
78) n-propylbenzene	13.035	91	179052	22.067	ug/l	99
79) 2-Chlorotoluene	13.123	91	113316	20.920	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	132267	22.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17197	20.930	ug/l	98
82) 4-Chlorotoluene	13.223	91	113635	20.153	ug/l	99
83) tert-Butylbenzene	13.435	119	109762	21.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	132338	21.779	ug/l	99
85) sec-Butylbenzene	13.617	105	148137	21.591	ug/l	100
86) p-Isopropyltoluene	13.729	119	122573	21.641	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	71057	19.029	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	68977	18.101	ug/l	97
89) n-Butylbenzene	14.059	91	96591	18.338	ug/l	97
90) Hexachloroethane	14.329	117	25546	20.692	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	67142	18.765	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10440	22.475	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	30570	15.726	ug/l	97
94) Hexachlorobutadiene	15.500	225	16138	17.988	ug/l	98
95) Naphthalene	15.641	128	96841	17.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32410	17.474	ug/l	99

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

