

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083668.D
 Acq On : 05 Sep 2024 12:05
 Operator : JC\MD
 Sample : VN0905WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBS01

Quant Time: Sep 06 02:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126286	54.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.300%			
35) Dibromofluoromethane	8.165	113	91750	53.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.565	98	334459	49.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.847	95	131132	52.673	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40343	22.843	ug/l	96
3) Chloromethane	2.360	50	41834	20.335	ug/l	98
4) Vinyl Chloride	2.518	62	42238	20.515	ug/l	98
5) Bromomethane	2.901	94	23117	21.358	ug/l	100
6) Chloroethane	3.071	64	29121	21.644	ug/l	98
7) Trichlorofluoromethane	3.465	101	73901	21.796	ug/l	98
8) Diethyl Ether	3.954	74	25194	20.785	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	38988	21.203	ug/l	99
10) Methyl Iodide	4.571	142	51666	20.771	ug/l #	95
11) Tert butyl alcohol	5.530	59	34492	94.856	ug/l	99
12) 1,1-Dichloroethene	4.324	96	37544	20.537	ug/l	91
13) Acrolein	4.171	56	26243	76.284	ug/l	99
14) Allyl chloride	5.012	41	63126	19.368	ug/l	97
15) Acrylonitrile	5.718	53	89937	100.292	ug/l	98
16) Acetone	4.430	43	88785	95.466	ug/l	99
17) Carbon Disulfide	4.701	76	97071	18.222	ug/l #	94
18) Methyl Acetate	5.018	43	43760	17.693	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	131516	20.282	ug/l	98
20) Methylene Chloride	5.265	84	42284	20.589	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	37759	19.829	ug/l	92
22) Diisopropyl ether	6.665	45	130582	20.318	ug/l	98
23) Vinyl Acetate	6.600	43	487914	102.443	ug/l	99
24) 1,1-Dichloroethane	6.559	63	75358	20.561	ug/l	98
25) 2-Butanone	7.483	43	122545	96.778	ug/l	98
26) 2,2-Dichloropropane	7.483	77	70975	20.800	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	46892	20.637	ug/l	96
28) Bromochloromethane	7.806	49	36215	21.160	ug/l	99
29) Tetrahydrofuran	7.841	42	77703	98.931	ug/l	99
30) Chloroform	7.965	83	77311	20.022	ug/l	98
31) Cyclohexane	8.253	56	67214	18.632	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	73190	20.961	ug/l	99
36) 1,1-Dichloropropene	8.365	75	53575	20.353	ug/l	98
37) Ethyl Acetate	7.553	43	53425	20.393	ug/l	98
38) Carbon Tetrachloride	8.359	117	63737	21.222	ug/l	94
39) Methylcyclohexane	9.594	83	65584	20.763	ug/l	97
40) Benzene	8.600	78	165831	20.479	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28779	19.251	ug/l	97
42) 1,2-Dichloroethane	8.665	62	62217	20.728	ug/l	99
43) Isopropyl Acetate	8.688	43	90096	16.343	ug/l	97
44) Trichloroethene	9.353	130	37894	19.453	ug/l	100
45) 1,2-Dichloropropane	9.618	63	39642	21.015	ug/l	99
46) Dibromomethane	9.706	93	28922	20.783	ug/l	99
47) Bromodichloromethane	9.888	83	59372	20.042	ug/l	97
48) Methyl methacrylate	9.677	41	44649	20.779	ug/l	98
49) 1,4-Dioxane	9.694	88	14534	412.793	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	248410	101.993	ug/l	98
52) Toluene	10.630	92	103542	20.445	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	61139	19.936	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	65791	20.439	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	36897	20.412	ug/l	97
56) Ethyl methacrylate	10.871	69	61803	20.668	ug/l	98
57) 1,3-Dichloropropane	11.159	76	66495	20.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	117307	90.282	ug/l	98
59) 2-Hexanone	11.194	43	184982	101.203	ug/l	98
60) Dibromochloromethane	11.359	129	43172	20.612	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37990	20.571	ug/l	97
64) Tetrachloroethene	11.106	164	31588	19.373	ug/l	95
65) Chlorobenzene	11.888	112	108152	19.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37986	20.224	ug/l	99
67) Ethyl Benzene	11.965	91	196379	19.776	ug/l	99
68) m/p-Xylenes	12.071	106	146362	39.125	ug/l	100
69) o-Xylene	12.394	106	70552	19.513	ug/l	99
70) Styrene	12.412	104	115567	19.010	ug/l	99
71) Bromoform	12.576	173	26457	19.776	ug/l #	96
73) Isopropylbenzene	12.694	105	187473	18.914	ug/l	100
74) N-amyl acetate	12.494	43	79210	18.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53865	19.142	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	39236m	15.869	ug/l	
77) Bromobenzene	12.976	156	42218	18.155	ug/l	98
78) n-propylbenzene	13.035	91	210253	18.347	ug/l	99
79) 2-Chlorotoluene	13.124	91	132660	17.864	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	157248	18.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17467	16.662	ug/l	94
82) 4-Chlorotoluene	13.224	91	131027	17.368	ug/l	99
83) tert-Butylbenzene	13.435	119	141609	19.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	156571	18.629	ug/l	99
85) sec-Butylbenzene	13.612	105	181338	18.378	ug/l	100
86) p-Isopropyltoluene	13.729	119	153119	18.579	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	76397	16.924	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	77693	16.750	ug/l	99
89) n-Butylbenzene	14.053	91	126411	17.438	ug/l	100
90) Hexachloroethane	14.329	117	28290	17.635	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	78118	17.970	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10501	17.207	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	37302	15.132	ug/l	97
94) Hexachlorobutadiene	15.500	225	17227	17.450	ug/l	96
95) Naphthalene	15.635	128	123142	15.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35998	14.618	ug/l	97

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

