

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083394.D
 Acq On : 20 Aug 2024 12:36
 Operator : JC\MD
 Sample : VN0820WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/21/2024
 Supervised By :Semsettin Yesilyurt 08/21/2024

Quant Time: Aug 21 02:23:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119106	58.959	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.920%			
35) Dibromofluoromethane	8.165	113	87333	56.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.520%			
50) Toluene-d8	10.565	98	313859	54.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.847	95	132928	58.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	28408	17.651	ug/l	90
3) Chloromethane	2.359	50	30681	18.620	ug/l	99
4) Vinyl Chloride	2.512	62	32467	19.310	ug/l	96
5) Bromomethane	2.906	94	15956	15.294	ug/l	98
6) Chloroethane	3.077	64	22941	21.809	ug/l	95
7) Trichlorofluoromethane	3.471	101	58302	20.990	ug/l	97
8) Diethyl Ether	3.953	74	19791	19.148	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.353	101	31519	20.582	ug/l	99
10) Methyl Iodide	4.571	142	36210	17.976	ug/l #	98
11) Tert butyl alcohol	5.530	59	30174	71.873	ug/l	98
12) 1,1-Dichloroethene	4.324	96	29295	18.620	ug/l	94
13) Acrolein	4.177	56	26991	98.644	ug/l	99
14) Allyl chloride	5.018	41	54766	18.421	ug/l	90
15) Acrylonitrile	5.718	53	81947	94.908	ug/l	98
16) Acetone	4.424	43	69213	87.558	ug/l	97
17) Carbon Disulfide	4.700	76	70809	15.382	ug/l	100
18) Methyl Acetate	5.018	43	54642	23.201	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	110838	19.518	ug/l	98
20) Methylene Chloride	5.271	84	34281	18.843	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	30372	18.678	ug/l	83
22) Diisopropyl ether	6.671	45	116162	20.786	ug/l	96
23) Vinyl Acetate	6.600	43	542032	94.625	ug/l	97
24) 1,1-Dichloroethane	6.565	63	65180	21.397	ug/l	99
25) 2-Butanone	7.482	43	109426	90.155	ug/l	94
26) 2,2-Dichloropropane	7.488	77	56510	19.976	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	38362	19.551	ug/l	96
28) Bromochloromethane	7.812	49	28579	22.957	ug/l	86
29) Tetrahydrofuran	7.835	42	70553	89.921	ug/l	90
30) Chloroform	7.959	83	68881	21.765	ug/l	100
31) Cyclohexane	8.253	56	53860	17.991	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61714	20.602	ug/l	96
36) 1,1-Dichloropropene	8.365	75	43815	18.659	ug/l	99
37) Ethyl Acetate	7.559	43	47017	17.882	ug/l	96
38) Carbon Tetrachloride	8.359	117	52861	19.986	ug/l	97
39) Methylcyclohexane	9.600	83	50119	17.377	ug/l	95
40) Benzene	8.600	78	139631	19.960	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24715	16.532	ug/l	89
42) 1,2-Dichloroethane	8.671	62	53845	21.130	ug/l	98
43) Isopropyl Acetate	8.688	43	85478	17.300	ug/l	94
44) Trichloroethene	9.353	130	31884	19.149	ug/l	99
45) 1,2-Dichloropropane	9.618	63	35187	21.190	ug/l	94
46) Dibromomethane	9.706	93	24517	20.627	ug/l	99
47) Bromodichloromethane	9.888	83	54139	20.286	ug/l	97
48) Methyl methacrylate	9.682	41	38008	17.485	ug/l	93
49) 1,4-Dioxane	9.694	88	13043	332.591	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	231312	93.034	ug/l	95
52) Toluene	10.629	92	88476	20.017	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	51793	18.893	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55202	18.932	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	33253	20.993	ug/l	94
56) Ethyl methacrylate	10.871	69	54360	18.204	ug/l	90
57) 1,3-Dichloropropane	11.165	76	58164	20.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	93828	74.334	ug/l	98
59) 2-Hexanone	11.194	43	168039	87.360	ug/l	93
60) Dibromochloromethane	11.359	129	38936	20.331	ug/l	98
61) 1,2-Dibromoethane	11.465	107	33172	19.935	ug/l	100
64) Tetrachloroethene	11.100	164	26543	17.883	ug/l	92
65) Chlorobenzene	11.894	112	93019	18.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33950	19.437	ug/l	99
67) Ethyl Benzene	11.965	91	167133	18.396	ug/l	99
68) m/p-Xylenes	12.070	106	122263	35.924	ug/l	96
69) o-Xylene	12.400	106	60241	17.947	ug/l	98
70) Styrene	12.412	104	103347	18.332	ug/l	98
71) Bromoform	12.576	173	24482	18.502	ug/l #	97
73) Isopropylbenzene	12.694	105	160608	15.838	ug/l	99
74) N-amyl acetate	12.494	43	68660	13.842	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	49430	17.235	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42655m	16.031	ug/l	
77) Bromobenzene	12.982	156	36989	16.421	ug/l	96
78) n-propylbenzene	13.035	91	182840	15.659	ug/l	100
79) 2-Chlorotoluene	13.123	91	118917	16.064	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	135598	15.972	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	16998	13.896	ug/l	90
82) 4-Chlorotoluene	13.223	91	120190	16.186	ug/l	96
83) tert-Butylbenzene	13.441	119	120802	16.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	138776	16.220	ug/l	100
85) sec-Butylbenzene	13.617	105	160153	15.611	ug/l	99
86) p-Isopropyltoluene	13.729	119	134329	15.858	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	68443	16.147	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	72253	16.909	ug/l	97
89) n-Butylbenzene	14.059	91	114277	15.570	ug/l	100
90) Hexachloroethane	14.335	117	26811	16.383	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	69659	16.983	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9971	14.327	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	35770	15.566	ug/l	96
94) Hexachlorobutadiene	15.500	225	14734	14.418	ug/l	99
95) Naphthalene	15.641	128	115039	14.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34614	15.223	ug/l	97

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

