

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083421.D
 Acq On : 21 Aug 2024 20:19
 Operator : JC\MD
 Sample : VN0821WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Quant Time: Aug 22 01:50:43 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124162	58.308	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.620%			
35) Dibromofluoromethane	8.165	113	89476	53.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.980%			
50) Toluene-d8	10.565	98	324215	52.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.847	95	130791	54.270	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32727	19.291	ug/l	93
3) Chloromethane	2.359	50	33723	19.416	ug/l	95
4) Vinyl Chloride	2.512	62	35579	20.075	ug/l	94
5) Bromomethane	2.901	94	16621	15.114	ug/l	99
6) Chloroethane	3.065	64	28219	25.450	ug/l	97
7) Trichlorofluoromethane	3.459	101	63853	21.809	ug/l	100
8) Diethyl Ether	3.953	74	23541	21.608	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.359	101	33985	21.054	ug/l	99
10) Methyl Iodide	4.577	142	41474	19.532	ug/l #	90
11) Tert butyl alcohol	5.536	59	40188	90.813	ug/l	96
12) 1,1-Dichloroethene	4.324	96	32288	19.470	ug/l	91
13) Acrolein	4.177	56	26624	92.310	ug/l	98
14) Allyl chloride	5.006	41	57480	18.341	ug/l	89
15) Acrylonitrile	5.718	53	91975	101.056	ug/l	99
16) Acetone	4.430	43	74014	88.827	ug/l	97
17) Carbon Disulfide	4.700	76	73819	15.213	ug/l	95
18) Methyl Acetate	5.024	43	64645	26.039	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	125598	20.982	ug/l	98
20) Methylene Chloride	5.271	84	37660	19.639	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	32122	18.741	ug/l	96
22) Diisopropyl ether	6.671	45	128646	21.838	ug/l #	97
23) Vinyl Acetate	6.600	43	617484	102.265	ug/l	97
24) 1,1-Dichloroethane	6.565	63	71602	22.299	ug/l	99
25) 2-Butanone	7.483	43	121070	94.629	ug/l	93
26) 2,2-Dichloropropane	7.489	77	50983	17.097	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	42513	20.554	ug/l	93
28) Bromochloromethane	7.818	49	29983	22.849	ug/l	86
29) Tetrahydrofuran	7.841	42	79599	96.244	ug/l	90
30) Chloroform	7.965	83	74013	22.187	ug/l	98
31) Cyclohexane	8.253	56	57438	18.201	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67467	21.366	ug/l	98
36) 1,1-Dichloropropene	8.371	75	48405	19.309	ug/l	99
37) Ethyl Acetate	7.559	43	49950	17.796	ug/l	97
38) Carbon Tetrachloride	8.359	117	57640	20.414	ug/l	98
39) Methylcyclohexane	9.600	83	53372	17.334	ug/l	97
40) Benzene	8.600	78	153895	20.607	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29273	18.342	ug/l	94
42) 1,2-Dichloroethane	8.671	62	60553	22.258	ug/l	100
43) Isopropyl Acetate	8.688	43	205814	41.772	ug/l #	81
44) Trichloroethene	9.353	130	35229	19.819	ug/l	98
45) 1,2-Dichloropropane	9.618	63	38796	21.885	ug/l	99
46) Dibromomethane	9.706	93	27258	21.482	ug/l	98
47) Bromodichloromethane	9.888	83	59094	20.742	ug/l	98
48) Methyl methacrylate	9.682	41	43037	18.546	ug/l	94
49) 1,4-Dioxane	9.700	88	15353	366.725	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	261860	98.656	ug/l	95
52) Toluene	10.630	92	95114	20.157	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	55958	19.121	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	61087	19.625	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	36259	21.442	ug/l	96
56) Ethyl methacrylate	10.877	69	61825	19.394	ug/l	90
57) 1,3-Dichloropropane	11.165	76	65085	21.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	117361	87.095	ug/l	97
59) 2-Hexanone	11.194	43	191763	93.386	ug/l	93
60) Dibromochloromethane	11.359	129	41861	20.475	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36359	20.468	ug/l	100
64) Tetrachloroethene	11.106	164	28951	18.755	ug/l	96
65) Chlorobenzene	11.888	112	100661	19.542	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36807	20.261	ug/l	99
67) Ethyl Benzene	11.965	91	180542	19.107	ug/l	99
68) m/p-Xylenes	12.071	106	134645	38.040	ug/l	98
69) o-Xylene	12.400	106	66677	19.100	ug/l	97
70) Styrene	12.412	104	112575	19.200	ug/l	97
71) Bromoform	12.576	173	26802	19.475	ug/l #	99
73) Isopropylbenzene	12.694	105	175152	17.816	ug/l	98
74) N-amyl acetate	12.494	43	78850	16.397	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	55413	19.929	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47353m	18.357	ug/l	
77) Bromobenzene	12.976	156	40709	18.641	ug/l	98
78) n-propylbenzene	13.035	91	195908	17.306	ug/l	99
79) 2-Chlorotoluene	13.123	91	127886	17.819	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	147145	17.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16737	14.113	ug/l	99
82) 4-Chlorotoluene	13.223	91	124887	17.348	ug/l	99
83) tert-Butylbenzene	13.435	119	127665	17.515	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	147514	17.784	ug/l	99
85) sec-Butylbenzene	13.618	105	170496	17.143	ug/l	99
86) p-Isopropyltoluene	13.729	119	143003	17.414	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	75171	18.293	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	75547	18.236	ug/l	97
89) n-Butylbenzene	14.053	91	115496	16.231	ug/l	98
90) Hexachloroethane	14.335	117	29112	18.350	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	76477	19.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10990	16.288	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35405	15.893	ug/l	96
94) Hexachlorobutadiene	15.500	225	15094	15.235	ug/l	98
95) Naphthalene	15.641	128	124710	15.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37534	17.027	ug/l	95

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

