

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083407.D
 Acq On : 20 Aug 2024 18:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 02:26:59 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	170042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104334	43.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.220%		
35) Dibromofluoromethane	8.165	113	77414	41.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.520%		
50) Toluene-d8	10.565	98	275976	39.428	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	78.860%#		
62) 4-Bromofluorobenzene	12.847	95	117016	42.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74291	38.527	ug/l	96
3) Chloromethane	2.359	50	78643	39.836	ug/l	96
4) Vinyl Chloride	2.512	62	84521	41.958	ug/l	95
5) Bromomethane	2.900	94	38180	30.545	ug/l	96
6) Chloroethane	3.059	64	58037	46.050	ug/l	96
7) Trichlorofluoromethane	3.459	101	148269	44.555	ug/l	100
8) Diethyl Ether	3.953	74	55133	44.523	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.347	101	84007	45.787	ug/l	96
10) Methyl Iodide	4.571	142	99950	41.414	ug/l	93
11) Tert butyl alcohol	5.541	59	92643	184.183	ug/l	99
12) 1,1-Dichloroethene	4.324	96	75753	40.188	ug/l	90
13) Acrolein	4.171	56	87586	267.174	ug/l	100
14) Allyl chloride	5.006	41	145301	40.791	ug/l	90
15) Acrylonitrile	5.718	53	232034	224.300	ug/l	98
16) Acetone	4.430	43	187694	198.182	ug/l	95
17) Carbon Disulfide	4.694	76	176799	32.056	ug/l	98
18) Methyl Acetate	5.024	43	151105	53.550	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	303720	44.641	ug/l	100
20) Methylene Chloride	5.265	84	90408	41.478	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	79595	40.856	ug/l	96
22) Diisopropyl ether	6.671	45	310946	46.440	ug/l	98
23) Vinyl Acetate	6.600	43	1531645	223.174	ug/l	95
24) 1,1-Dichloroethane	6.565	63	168683	46.219	ug/l	99
25) 2-Butanone	7.482	43	310478	213.503	ug/l	93
26) 2,2-Dichloropropane	7.482	77	139016	41.016	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	103718	44.119	ug/l	93
28) Bromochloromethane	7.812	49	68266	45.770	ug/l	87
29) Tetrahydrofuran	7.841	42	202698	215.625	ug/l	88
30) Chloroform	7.959	83	181036	47.746	ug/l	98
31) Cyclohexane	8.253	56	135445	37.762	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	163237	45.482	ug/l	97
36) 1,1-Dichloropropene	8.371	75	115090	40.546	ug/l	99
37) Ethyl Acetate	7.565	43	127861	40.231	ug/l	95
38) Carbon Tetrachloride	8.359	117	135348	42.335	ug/l	97
39) Methylcyclohexane	9.600	83	134246	38.505	ug/l	97
40) Benzene	8.606	78	371037	43.879	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73631	40.746	ug/l	96
42) 1,2-Dichloroethane	8.671	62	140093	45.480	ug/l	98
43) Isopropyl Acetate	8.688	43	235289	42.204	ug/l #	95
44) Trichloroethene	9.347	130	84166	41.817	ug/l	94
45) 1,2-Dichloropropane	9.618	63	92659	46.163	ug/l	98
46) Dibromomethane	9.706	93	65834	45.823	ug/l	98
47) Bromodichloromethane	9.888	83	144888	44.914	ug/l	100
48) Methyl methacrylate	9.682	41	107151	40.780	ug/l	93
49) 1,4-Dioxane	9.700	88	40390	852.044	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	668269	222.356	ug/l	94
52) Toluene	10.629	92	232096	43.441	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	142761	43.082	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	151145	42.883	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	89519	46.753	ug/l	97
56) Ethyl methacrylate	10.876	69	155852	43.178	ug/l	88
57) 1,3-Dichloropropane	11.165	76	157164	46.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	287174	188.216	ug/l	97
59) 2-Hexanone	11.194	43	504286	216.888	ug/l	94
60) Dibromochloromethane	11.359	129	104681	45.219	ug/l	99
61) 1,2-Dibromoethane	11.470	107	89438	44.466	ug/l	99
64) Tetrachloroethene	11.106	164	71630	40.586	ug/l	98
65) Chlorobenzene	11.888	112	244673	41.547	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	88748	42.729	ug/l	99
67) Ethyl Benzene	11.965	91	452513	41.886	ug/l	100
68) m/p-Xylenes	12.070	106	340812	84.216	ug/l	98
69) o-Xylene	12.400	106	168511	42.220	ug/l	99
70) Styrene	12.412	104	288053	42.970	ug/l	98
71) Bromoform	12.576	173	67415	42.845	ug/l #	99
73) Isopropylbenzene	12.694	105	436291	36.583	ug/l	100
74) N-amyl acetate	12.494	43	210250	36.042	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	136191	40.375	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	120666m	38.559	ug/l	
77) Bromobenzene	12.982	156	102336	38.628	ug/l	96
78) n-propylbenzene	13.035	91	506810	36.905	ug/l	100
79) 2-Chlorotoluene	13.123	91	326945	37.552	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	375850	37.643	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	46480	32.308	ug/l	95
82) 4-Chlorotoluene	13.223	91	325553	37.278	ug/l	98
83) tert-Butylbenzene	13.441	119	330536	37.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	383780	38.140	ug/l	99
85) sec-Butylbenzene	13.617	105	452340	37.491	ug/l	99
86) p-Isopropyltoluene	13.729	119	381278	38.273	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	194632	39.043	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	198539	39.505	ug/l	98
89) n-Butylbenzene	14.059	91	325507	37.709	ug/l	99
90) Hexachloroethane	14.335	117	72363	37.598	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	200006	41.461	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29685	36.267	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	100704	37.263	ug/l	98
94) Hexachlorobutadiene	15.500	225	41485	34.516	ug/l	96
95) Naphthalene	15.641	128	359385	37.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101778	38.060	ug/l	97

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

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