

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083589.D
 Acq On : 31 Aug 2024 01:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 02:45:56 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129905	51.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.165	113	92591	48.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.860%			
50) Toluene-d8	10.565	98	347388	46.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.360%			
62) 4-Bromofluorobenzene	12.847	95	135588	49.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	100935	52.890	ug/l	99
3) Chloromethane	2.359	50	105828	47.605	ug/l	100
4) Vinyl Chloride	2.512	62	108964	48.976	ug/l	99
5) Bromomethane	2.906	94	55326	47.304	ug/l	93
6) Chloroethane	3.077	64	68891	47.385	ug/l	96
7) Trichlorofluoromethane	3.477	101	184592	50.382	ug/l	98
8) Diethyl Ether	3.953	74	64807	49.480	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	100120	50.388	ug/l	98
10) Methyl Iodide	4.583	142	133014	49.488	ug/l	94
11) Tert butyl alcohol	5.536	59	88624	225.548	ug/l #	86
12) 1,1-Dichloroethene	4.330	96	97232	49.222	ug/l	91
13) Acrolein	4.177	56	81906	220.332	ug/l	97
14) Allyl chloride	5.012	41	166716	47.336	ug/l	99
15) Acrylonitrile	5.718	53	238540	246.167	ug/l	100
16) Acetone	4.430	43	202649	201.648	ug/l	99
17) Carbon Disulfide	4.700	76	260332	45.224	ug/l	99
18) Methyl Acetate	5.018	43	111637	41.770	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	351522	50.167	ug/l	98
20) Methylene Chloride	5.271	84	106542	48.008	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	99844	48.523	ug/l	92
22) Diisopropyl ether	6.671	45	352954	50.823	ug/l	97
23) Vinyl Acetate	6.600	43	1328041	258.042	ug/l	99
24) 1,1-Dichloroethane	6.559	63	199296	50.322	ug/l	97
25) 2-Butanone	7.483	43	316868	231.580	ug/l	99
26) 2,2-Dichloropropane	7.488	77	139216	37.756	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	124762	50.812	ug/l	96
28) Bromochloromethane	7.812	49	92413	49.969	ug/l	98
29) Tetrahydrofuran	7.835	42	207261	244.205	ug/l	99
30) Chloroform	7.965	83	212634	50.960	ug/l	94
31) Cyclohexane	8.253	56	179455	46.035	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	195045	51.695	ug/l	98
36) 1,1-Dichloropropene	8.371	75	145508	49.895	ug/l	99
37) Ethyl Acetate	7.559	43	138648	47.771	ug/l	98
38) Carbon Tetrachloride	8.359	117	171140	51.434	ug/l	99
39) Methylcyclohexane	9.600	83	181153	51.766	ug/l	98
40) Benzene	8.600	78	447019	49.829	ug/l	99

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41) Methacrylonitrile	7.777	41	81644	49.295	ug/l	96
42) 1,2-Dichloroethane	8.671	62	167028	50.227	ug/l	99
43) Isopropyl Acetate	8.688	43	296320	50.898	ug/l	96
44) Trichloroethene	9.353	130	104019	48.200	ug/l	97
45) 1,2-Dichloropropane	9.618	63	107626	51.500	ug/l	98
46) Dibromomethane	9.706	93	76954	49.913	ug/l	99
47) Bromodichloromethane	9.888	83	169591	51.674	ug/l	96
48) Methyl methacrylate	9.682	41	120036	50.424	ug/l	99
49) 1,4-Dioxane	9.700	88	35680	914.705	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	664673	246.331	ug/l	99
52) Toluene	10.629	92	281608	50.191	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	165338	48.664	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	174585	48.956	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	101301	50.585	ug/l	97
56) Ethyl methacrylate	10.876	69	173544	52.384	ug/l	100
57) 1,3-Dichloropropane	11.165	76	179228	50.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	375940	261.158	ug/l	99
59) 2-Hexanone	11.194	43	487500	240.740	ug/l	97
60) Dibromochloromethane	11.359	129	122544	52.811	ug/l	98
61) 1,2-Dibromoethane	11.471	107	103661	50.666	ug/l	98
64) Tetrachloroethene	11.106	164	91523	49.984	ug/l	98
65) Chlorobenzene	11.894	112	294707	47.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	105598	50.063	ug/l	100
67) Ethyl Benzene	11.965	91	544899	48.862	ug/l	100
68) m/p-Xylenes	12.070	106	403999	96.166	ug/l	100
69) o-Xylene	12.400	106	194636	47.936	ug/l	98
70) Styrene	12.412	104	328066	48.054	ug/l	99
71) Bromoform	12.576	173	74456	49.558	ug/l #	100
73) Isopropylbenzene	12.694	105	517259	48.379	ug/l	99
74) N-amyl acetate	12.494	43	216591	46.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	139164	45.849	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	121173m	45.434	ug/l	
77) Bromobenzene	12.982	156	113650	45.308	ug/l	99
78) n-propylbenzene	13.035	91	601127	48.629	ug/l	99
79) 2-Chlorotoluene	13.123	91	376932	47.056	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	436952	48.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46640	41.246	ug/l	87
82) 4-Chlorotoluene	13.223	91	364586	44.803	ug/l	99
83) tert-Butylbenzene	13.441	119	384950	48.072	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	440596	48.599	ug/l	100
85) sec-Butylbenzene	13.617	105	519451	48.805	ug/l	99
86) p-Isopropyltoluene	13.729	119	433997	48.820	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	214947	44.144	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	213173	42.606	ug/l	100
89) n-Butylbenzene	14.053	91	361170	46.187	ug/l	99
90) Hexachloroethane	14.335	117	83318	48.150	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	214086	45.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29989	45.556	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	114694	43.133	ug/l	97
94) Hexachlorobutadiene	15.500	225	46123	43.313	ug/l	98
95) Naphthalene	15.641	128	369265	43.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	110152	41.468	ug/l	100

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

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