

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084552.D
 Acq On : 29 Oct 2024 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:56:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	114810	47.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.700%		
35) Dibromofluoromethane	8.165	113	93711	52.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.340%		
50) Toluene-d8	10.565	98	324950	49.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.847	95	121413	50.433	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77635	40.556	ug/l	94
3) Chloromethane	2.359	50	91385	41.809	ug/l	98
4) Vinyl Chloride	2.518	62	92198	43.546	ug/l	99
5) Bromomethane	2.906	94	44162	31.623	ug/l	100
6) Chloroethane	3.077	64	59097	38.974	ug/l	97
7) Trichlorofluoromethane	3.477	101	158716	48.141	ug/l	99
8) Diethyl Ether	3.953	74	56827	46.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	92402	48.913	ug/l	98
10) Methyl Iodide	4.577	142	113857	46.801	ug/l	96
11) Tert butyl alcohol	5.530	59	77964	197.047	ug/l	99
12) 1,1-Dichloroethene	4.330	96	85910	47.147	ug/l	96
13) Acrolein	4.171	56	93266	205.330	ug/l	99
14) Allyl chloride	5.012	41	146548	46.309	ug/l	92
15) Acrylonitrile	5.712	53	238761	238.963	ug/l	100
16) Acetone	4.424	43	227212	220.427	ug/l	98
17) Carbon Disulfide	4.700	76	223328	38.711	ug/l	98
18) Methyl Acetate	5.024	43	131433	58.501	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	300388	48.843	ug/l	99
20) Methylene Chloride	5.271	84	100844	48.127	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	89832	47.056	ug/l	95
22) Diisopropyl ether	6.665	45	320076	48.898	ug/l	99
23) Vinyl Acetate	6.600	43	1146150	236.077	ug/l	99
24) 1,1-Dichloroethane	6.559	63	177971	48.618	ug/l	98
25) 2-Butanone	7.483	43	319726	227.734	ug/l	97
26) 2,2-Dichloropropane	7.483	77	160489	48.625	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	112752	48.877	ug/l	97
28) Bromochloromethane	7.806	49	73884	45.237	ug/l	95
29) Tetrahydrofuran	7.836	42	204833	236.419	ug/l	98
30) Chloroform	7.959	83	190614	50.130	ug/l	98
31) Cyclohexane	8.253	56	147449	41.486	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	168162	49.243	ug/l	99
36) 1,1-Dichloropropene	8.365	75	124380	47.674	ug/l	99
37) Ethyl Acetate	7.559	43	126873	47.402	ug/l	99
38) Carbon Tetrachloride	8.359	117	144457	50.476	ug/l	97
39) Methylcyclohexane	9.600	83	131669	45.346	ug/l	97
40) Benzene	8.600	78	408345	50.236	ug/l	97

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41) Methacrylonitrile	7.777	41	69915	48.115	ug/l	96
42) 1,2-Dichloroethane	8.665	62	138677	50.324	ug/l	99
43) Isopropyl Acetate	8.688	43	222165	42.377	ug/l	99
44) Trichloroethene	9.347	130	88964	46.860	ug/l	98
45) 1,2-Dichloropropane	9.618	63	102945	53.536	ug/l	99
46) Dibromomethane	9.706	93	70852	54.600	ug/l	97
47) Bromodichloromethane	9.888	83	149982	52.023	ug/l #	99
48) Methyl methacrylate	9.677	41	98185	47.048	ug/l	96
49) 1,4-Dioxane	9.694	88	35556	925.440	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	638985	250.782	ug/l	99
52) Toluene	10.629	92	254764	51.397	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	149192	50.767	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160296	50.710	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	98153	55.236	ug/l	96
56) Ethyl methacrylate	10.871	69	151125	51.685	ug/l	96
57) 1,3-Dichloropropane	11.159	76	163805	51.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	368262	271.502	ug/l	98
59) 2-Hexanone	11.194	43	476443	250.182	ug/l	99
60) Dibromochloromethane	11.359	129	114866	54.710	ug/l	100
61) 1,2-Dibromoethane	11.465	107	94676	51.275	ug/l	98
64) Tetrachloroethene	11.100	164	78628	46.733	ug/l	99
65) Chlorobenzene	11.888	112	267791	49.999	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	96907	52.530	ug/l	98
67) Ethyl Benzene	11.959	91	473667	50.008	ug/l	100
68) m/p-Xylenes	12.071	106	366775	104.683	ug/l	97
69) o-Xylene	12.394	106	174340	52.593	ug/l	98
70) Styrene	12.406	104	297716	53.023	ug/l	99
71) Bromoform	12.576	173	73376	54.025	ug/l #	99
73) Isopropylbenzene	12.694	105	438150	47.632	ug/l	100
74) N-amyl acetate	12.494	43	185495	44.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	136022	49.177	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	109914m	44.663	ug/l	
77) Bromobenzene	12.976	156	108750	49.012	ug/l	95
78) n-propylbenzene	13.035	91	517481	48.555	ug/l	100
79) 2-Chlorotoluene	13.123	91	321047	47.208	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	377923	50.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47737	46.505	ug/l	99
82) 4-Chlorotoluene	13.218	91	323939	47.318	ug/l	98
83) tert-Butylbenzene	13.435	119	307849	46.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	379707	50.233	ug/l	99
85) sec-Butylbenzene	13.612	105	431903	48.531	ug/l	100
86) p-Isopropyltoluene	13.729	119	360118	48.935	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	196718	47.259	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	197253	46.925	ug/l	99
89) n-Butylbenzene	14.053	91	299237	44.844	ug/l	100
90) Hexachloroethane	14.329	117	69556	46.564	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	197983	48.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27586	48.330	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	93393	46.455	ug/l	95
94) Hexachlorobutadiene	15.500	225	43987	43.874	ug/l	99
95) Naphthalene	15.641	128	310156	46.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98924	49.157	ug/l	99

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

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