

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084628.D
 Acq On : 01 Nov 2024 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 04:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	184180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118600	44.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.160%		
35) Dibromofluoromethane	8.159	113	97295	47.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.980%		
50) Toluene-d8	10.565	98	355060	47.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.080%		
62) 4-Bromofluorobenzene	12.847	95	135136	48.418	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	99144	46.826	ug/l	91
3) Chloromethane	2.359	50	107183	42.778	ug/l	98
4) Vinyl Chloride	2.512	62	104274	45.789	ug/l	97
5) Bromomethane	2.900	94	53126	44.031	ug/l	96
6) Chloroethane	3.065	64	66956	47.426	ug/l	95
7) Trichlorofluoromethane	3.465	101	173945	46.369	ug/l	97
8) Diethyl Ether	3.953	74	62657	47.349	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	101057	47.675	ug/l	99
10) Methyl Iodide	4.577	142	130086	45.919	ug/l	99
11) Tert butyl alcohol	5.536	59	73446	209.166	ug/l	99
12) 1,1-Dichloroethene	4.324	96	92527	44.115	ug/l	97
13) Acrolein	4.171	56	93401	266.751	ug/l	98
14) Allyl chloride	5.012	41	159256	46.819	ug/l	92
15) Acrylonitrile	5.718	53	245055	241.071	ug/l	99
16) Acetone	4.424	43	188254	244.929	ug/l	93
17) Carbon Disulfide	4.700	76	272518	42.191	ug/l	96
18) Methyl Acetate	5.018	43	127182	44.902	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	316868	49.289	ug/l	99
20) Methylene Chloride	5.265	84	110189	47.096	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	99799	46.339	ug/l	100
22) Diisopropyl ether	6.665	45	334786	49.533	ug/l	98
23) Vinyl Acetate	6.600	43	1167096	250.398	ug/l	100
24) 1,1-Dichloroethane	6.565	63	192812	47.516	ug/l	96
25) 2-Butanone	7.482	43	300076	241.790	ug/l	97
26) 2,2-Dichloropropane	7.488	77	171112	48.449	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	120101	47.758	ug/l	96
28) Bromochloromethane	7.812	49	90567	56.020	ug/l	96
29) Tetrahydrofuran	7.835	42	203801	247.530	ug/l	97
30) Chloroform	7.959	83	198531	48.069	ug/l	98
31) Cyclohexane	8.253	56	161647	44.014	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	178041	47.362	ug/l	98
36) 1,1-Dichloropropene	8.365	75	134844	47.960	ug/l	99
37) Ethyl Acetate	7.559	43	128683	50.445	ug/l	99
38) Carbon Tetrachloride	8.359	117	153837	48.951	ug/l	96
39) Methylcyclohexane	9.600	83	146769	51.312	ug/l	97
40) Benzene	8.600	78	436290	48.319	ug/l	100

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Reviewed By :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	73571	53.631	ug/l	97
42) 1,2-Dichloroethane	8.671	62	145026	49.594	ug/l	99
43) Isopropyl Acetate	8.688	43	218643	46.323	ug/l	98
44) Trichloroethene	9.347	130	97430	46.787	ug/l	94
45) 1,2-Dichloropropane	9.618	63	106599	50.327	ug/l	97
46) Dibromomethane	9.706	93	75062	50.221	ug/l	98
47) Bromodichloromethane	9.888	83	156271	49.601	ug/l	99
48) Methyl methacrylate	9.676	41	105317	53.047	ug/l	99
49) 1,4-Dioxane	9.694	88	37747	1072.921	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	643803	264.740	ug/l	99
52) Toluene	10.629	92	271189	51.353	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	154705	47.438	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	169654	49.152	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	99093	49.815	ug/l	95
56) Ethyl methacrylate	10.876	69	157649	54.790	ug/l	97
57) 1,3-Dichloropropane	11.165	76	172023	50.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	394841	293.256	ug/l	96
59) 2-Hexanone	11.194	43	473287	267.380	ug/l	97
60) Dibromochloromethane	11.359	129	120058	52.956	ug/l	99
61) 1,2-Dibromoethane	11.470	107	101240	49.699	ug/l	97
64) Tetrachloroethene	11.106	164	88769	49.207	ug/l	96
65) Chlorobenzene	11.888	112	281585	46.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	101931	48.299	ug/l	99
67) Ethyl Benzene	11.965	91	501636	49.531	ug/l	99
68) m/p-Xylenes	12.070	106	390896	101.948	ug/l	98
69) o-Xylene	12.400	106	184603	51.466	ug/l	99
70) Styrene	12.412	104	320232	51.179	ug/l	99
71) Bromoform	12.576	173	79820	50.263	ug/l #	96
73) Isopropylbenzene	12.694	105	473125	49.514	ug/l	100
74) N-amyl acetate	12.494	43	198462	48.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	147150	46.136	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	120621m	44.254	ug/l	
77) Bromobenzene	12.982	156	119190	46.399	ug/l	91
78) n-propylbenzene	13.035	91	554194	49.493	ug/l	98
79) 2-Chlorotoluene	13.123	91	352750	48.213	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	402880	50.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52289	45.512	ug/l	99
82) 4-Chlorotoluene	13.223	91	354928	46.096	ug/l	99
83) tert-Butylbenzene	13.441	119	340435	51.939	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	418264	51.171	ug/l	100
85) sec-Butylbenzene	13.617	105	462789	49.984	ug/l	100
86) p-Isopropyltoluene	13.729	119	394941	52.012	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	220467	43.977	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	221013	48.021	ug/l	99
89) n-Butylbenzene	14.059	91	330406	46.517	ug/l	99
90) Hexachloroethane	14.335	117	77615	45.835	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	220854	45.845	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28485	44.085	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	108547	41.167	ug/l	99
94) Hexachlorobutadiene	15.500	225	46422	40.091	ug/l	97
95) Naphthalene	15.641	128	347756	44.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	106880	41.757	ug/l	98

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

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

