

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084643.D
 Acq On : 01 Nov 2024 17:07
 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 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

Quant Time: Nov 04 04:30:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118895	44.214	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.420%
35) Dibromofluoromethane	8.165	113	96716	45.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.260%
50) Toluene-d8	10.565	98	357498	45.790	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.847	95	140014	47.985	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95657	44.693	ug/l	93
3) Chloromethane	2.359	50	104495	41.162	ug/l	99
4) Vinyl Chloride	2.512	62	101746	44.198	ug/l	100
5) Bromomethane	2.900	94	52808	43.296	ug/l	98
6) Chloroethane	3.065	64	68310	47.878	ug/l	97
7) Trichlorofluoromethane	3.465	101	170051	44.844	ug/l	98
8) Diethyl Ether	3.953	74	61010	45.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	98564	45.999	ug/l	99
10) Methyl Iodide	4.571	142	131479	45.911	ug/l	98
11) Tert butyl alcohol	5.542	59	81227	228.837	ug/l	99
12) 1,1-Dichloroethene	4.318	96	93026	43.875	ug/l	98
13) Acrolein	4.177	56	98304	277.733	ug/l	98
14) Allyl chloride	5.006	41	162243	47.184	ug/l	92
15) Acrylonitrile	5.718	53	258166	251.237	ug/l	98
16) Acetone	4.424	43	229540	296.026	ug/l	98
17) Carbon Disulfide	4.700	76	266246	40.777	ug/l	98
18) Methyl Acetate	5.024	43	129461	45.245	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	322267	49.590	ug/l	97
20) Methylene Chloride	5.265	84	107863	45.606	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	99460	45.684	ug/l	99
22) Diisopropyl ether	6.665	45	334111	48.902	ug/l	99
23) Vinyl Acetate	6.600	43	1203577	255.447	ug/l	97
24) 1,1-Dichloroethane	6.565	63	193202	47.100	ug/l	98
25) 2-Butanone	7.483	43	338602	269.898	ug/l	98
26) 2,2-Dichloropropane	7.483	77	167290	46.857	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	118651	46.674	ug/l	98
28) Bromochloromethane	7.812	49	98947	60.545	ug/l	93
29) Tetrahydrofuran	7.841	42	217423	261.234	ug/l	98
30) Chloroform	7.959	83	199633	47.816	ug/l	99
31) Cyclohexane	8.253	56	162246	43.702	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	177337	46.667	ug/l	97
36) 1,1-Dichloropropene	8.365	75	137852	46.898	ug/l	98
37) Ethyl Acetate	7.559	43	133895	50.206	ug/l	99
38) Carbon Tetrachloride	8.359	117	154823	47.123	ug/l	95
39) Methylcyclohexane	9.600	83	146850	49.108	ug/l	98
40) Benzene	8.606	78	440337	46.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76770	53.530	ug/l	99
42) 1,2-Dichloroethane	8.671	62	145115	47.467	ug/l	98
43) Isopropyl Acetate	8.688	43	236927	48.051	ug/l	98
44) Trichloroethene	9.353	130	97778	44.913	ug/l	96
45) 1,2-Dichloropropane	9.618	63	105940	47.842	ug/l	96
46) Dibromomethane	9.706	93	74499	47.678	ug/l	97
47) Bromodichloromethane	9.888	83	157714	47.883	ug/l	96
48) Methyl methacrylate	9.677	41	108363	52.208	ug/l	98
49) 1,4-Dioxane	9.700	88	41066	1116.514	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	692985	272.575	ug/l	99
52) Toluene	10.629	92	271534	49.183	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	157718	46.260	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	169499	46.972	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	102600	49.336	ug/l	96
56) Ethyl methacrylate	10.876	69	166069	55.207	ug/l	97
57) 1,3-Dichloropropane	11.165	76	173329	48.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	429197	304.914	ug/l	97
59) 2-Hexanone	11.194	43	519065	280.493	ug/l	98
60) Dibromochloromethane	11.359	129	119904	50.589	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102199	47.989	ug/l	99
64) Tetrachloroethene	11.100	164	86839	45.036	ug/l	98
65) Chlorobenzene	11.888	112	289307	44.610	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	103534	45.897	ug/l	98
67) Ethyl Benzene	11.965	91	510156	47.126	ug/l	99
68) m/p-Xylenes	12.070	106	394978	96.376	ug/l	99
69) o-Xylene	12.400	106	188437	49.151	ug/l	99
70) Styrene	12.412	104	330384	49.400	ug/l	98
71) Bromoform	12.576	173	82751	48.752	ug/l #	98
73) Isopropylbenzene	12.694	105	476917	45.098	ug/l	99
74) N-ethyl acetate	12.494	43	211463	46.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	153793	43.570	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	143924m	47.712	ug/l	
77) Bromobenzene	12.976	156	118165	41.565	ug/l	96
78) n-propylbenzene	13.035	91	561871	45.341	ug/l	99
79) 2-Chlorotoluene	13.123	91	353652	43.676	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	415331	47.386	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	55111	43.343	ug/l	99
82) 4-Chlorotoluene	13.223	91	358576	42.079	ug/l	99
83) tert-Butylbenzene	13.441	119	350343	48.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	423745	46.843	ug/l	99
85) sec-Butylbenzene	13.617	105	475480	46.404	ug/l	100
86) p-Isopropyltoluene	13.729	119	403030	47.960	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	222216	40.052	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	222214	43.485	ug/l	99
89) n-Butylbenzene	14.053	91	335644	42.698	ug/l	100
90) Hexachloroethane	14.329	117	76738	40.948	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	220867	41.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30232	42.277	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	107448	36.821	ug/l	99
94) Hexachlorobutadiene	15.500	225	49579	38.689	ug/l	97
95) Naphthalene	15.641	128	354038	40.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	106474	37.587	ug/l	100

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

