

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084450.D
 Acq On : 22 Oct 2024 12:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 01:25:15 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 10/23/2024
 Supervised By :Mahesh Dadoda 10/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120579	47.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.580%
35) Dibromofluoromethane	8.165	113	98248	50.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.565	98	358680	50.468	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.847	95	133654	51.620	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	82254	40.436	ug/l	95
3) Chloromethane	2.359	50	100723	43.365	ug/l	97
4) Vinyl Chloride	2.512	62	103481	45.994	ug/l	99
5) Bromomethane	2.942	94	65682	44.260	ug/l	98
6) Chloroethane	3.112	64	66444	41.236	ug/l	96
7) Trichlorofluoromethane	3.495	101	172264	49.170	ug/l	97
8) Diethyl Ether	3.959	74	63668	48.999	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	99832	49.731	ug/l	98
10) Methyl Iodide	4.583	142	131239	50.766	ug/l	99
11) Tert butyl alcohol	5.524	59	90656	215.618	ug/l	100
12) 1,1-Dichloroethene	4.342	96	98864	51.058	ug/l	98
13) Acrolein	4.183	56	109819	227.519	ug/l	100
14) Allyl chloride	5.024	41	173481	51.588	ug/l	90
15) Acrylonitrile	5.718	53	265121	249.703	ug/l	98
16) Acetone	4.424	43	261105	238.375	ug/l	95
17) Carbon Disulfide	4.706	76	280239	45.712	ug/l	100
18) Methyl Acetate	5.024	43	115965	48.574	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	335397	51.320	ug/l	99
20) Methylene Chloride	5.271	84	110864	49.790	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	105749	52.129	ug/l	99
22) Diisopropyl ether	6.671	45	351223	50.493	ug/l	98
23) Vinyl Acetate	6.600	43	1340680	259.866	ug/l	99
24) 1,1-Dichloroethane	6.565	63	198970	51.151	ug/l	99
25) 2-Butanone	7.483	43	362565	243.024	ug/l	99
26) 2,2-Dichloropropane	7.488	77	179346	51.135	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	125320	51.122	ug/l	98
28) Bromochloromethane	7.812	49	83517	48.121	ug/l	98
29) Tetrahydrofuran	7.835	42	216232	234.864	ug/l	95
30) Chloroform	7.965	83	208060	51.493	ug/l	100
31) Cyclohexane	8.259	56	172015	45.545	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	186384	51.361	ug/l	98
36) 1,1-Dichloropropene	8.371	75	146576	52.238	ug/l	100
37) Ethyl Acetate	7.559	43	137478	47.758	ug/l	98
38) Carbon Tetrachloride	8.359	117	161513	52.474	ug/l	100
39) Methylcyclohexane	9.600	83	169802	54.374	ug/l	96
40) Benzene	8.606	78	456615	52.231	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80630	51.594	ug/l	98
42) 1,2-Dichloroethane	8.671	62	152654	51.507	ug/l	100
43) Isopropyl Acetate	8.688	43	237917	42.196	ug/l	98
44) Trichloroethene	9.353	130	108146	52.965	ug/l	97
45) 1,2-Dichloropropane	9.624	63	111202	53.771	ug/l	99
46) Dibromomethane	9.706	93	76980	55.158	ug/l	97
47) Bromodichloromethane	9.888	83	165466	53.365	ug/l	99
48) Methyl methacrylate	9.682	41	115233	51.341	ug/l	98
49) 1,4-Dioxane	9.694	88	42211	1021.535	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	714612	260.776	ug/l	99
52) Toluene	10.629	92	287688	53.965	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	169316	53.570	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	184315	54.216	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	104956	54.918	ug/l	96
56) Ethyl methacrylate	10.876	69	172502	54.855	ug/l	98
57) 1,3-Dichloropropane	11.165	76	180331	52.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	399737	274.020	ug/l	98
59) 2-Hexanone	11.194	43	527091	257.349	ug/l	97
60) Dibromochloromethane	11.359	129	124650	55.202	ug/l	99
61) 1,2-Dibromoethane	11.471	107	104654	52.700	ug/l	99
64) Tetrachloroethene	11.100	164	95043	51.605	ug/l	98
65) Chlorobenzene	11.888	112	306935	52.353	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	106232	52.606	ug/l	99
67) Ethyl Benzene	11.965	91	546876	52.745	ug/l	100
68) m/p-Xylenes	12.070	106	417795	108.934	ug/l	100
69) o-Xylene	12.400	106	200130	55.153	ug/l	98
70) Styrene	12.412	104	345696	56.245	ug/l	99
71) Bromoform	12.576	173	80848	54.380	ug/l #	99
73) Isopropylbenzene	12.694	105	516056	51.598	ug/l	100
74) N-amyl acetate	12.494	43	216664	47.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	148124	49.254	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122497m	45.781	ug/l	
77) Bromobenzene	12.976	156	123066	51.012	ug/l	96
78) n-propylbenzene	13.035	91	621310	53.618	ug/l	99
79) 2-Chlorotoluene	13.123	91	377092	50.998	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	439162	53.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53008	47.495	ug/l	99
82) 4-Chlorotoluene	13.217	91	384836	51.701	ug/l	99
83) tert-Butylbenzene	13.435	119	374897	51.702	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	444051	54.030	ug/l	100
85) sec-Butylbenzene	13.612	105	524213	54.176	ug/l	99
86) p-Isopropyltoluene	13.729	119	442063	55.249	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	233492	51.592	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	233732	51.140	ug/l	99
89) n-Butylbenzene	14.053	91	383538	52.864	ug/l	99
90) Hexachloroethane	14.329	117	80426	49.520	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223911	50.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28998	46.726	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	119635	54.732	ug/l	99
94) Hexachlorobutadiene	15.500	225	54127	49.655	ug/l	97
95) Naphthalene	15.641	128	369388	50.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116662	53.319	ug/l	98

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

