

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083975.D
 Acq On : 18 Sep 2024 11:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/19/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	125159	50.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.700%	
35) Dibromofluoromethane	8.165	113	91757	49.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	10.565	98	327108	51.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.847	95	129624	49.501	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87524	45.715	ug/l	98
3) Chloromethane	2.359	50	86116	43.819	ug/l	97
4) Vinyl Chloride	2.512	62	91331	43.521	ug/l	99
5) Bromomethane	2.942	94	59994	49.792	ug/l	95
6) Chloroethane	3.112	64	61775	41.965	ug/l	99
7) Trichlorofluoromethane	3.494	101	163578	45.921	ug/l	94
8) Diethyl Ether	3.959	74	58946	49.366	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	88108	46.665	ug/l	96
10) Methyl Iodide	4.589	142	114457	47.665	ug/l	96
11) Tert butyl alcohol	5.518	59	101118	303.773	ug/l	98
12) 1,1-Dichloroethene	4.341	96	84820	47.569	ug/l	96
13) Acrolein	4.177	56	75997	231.391	ug/l	98
14) Allyl chloride	5.024	41	143553	45.182	ug/l	91
15) Acrylonitrile	5.718	53	230249	254.348	ug/l	99
16) Acetone	4.424	43	239494	240.335	ug/l	98
17) Carbon Disulfide	4.712	76	207908	41.683	ug/l	99
18) Methyl Acetate	5.018	43	117133	56.663	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	327718	50.790	ug/l	98
20) Methylene Chloride	5.277	84	95414	46.790	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	87423	45.749	ug/l	94
22) Diisopropyl ether	6.671	45	331885	50.743	ug/l	99
23) Vinyl Acetate	6.600	43	1233732	257.581	ug/l	98
24) 1,1-Dichloroethane	6.565	63	182475	48.426	ug/l	98
25) 2-Butanone	7.482	43	335494	256.153	ug/l	98
26) 2,2-Dichloropropane	7.488	77	168429	48.537	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	112386	49.543	ug/l	98
28) Bromochloromethane	7.812	49	80703	50.858	ug/l	95
29) Tetrahydrofuran	7.835	42	208195	268.833	ug/l	98
30) Chloroform	7.965	83	194672	48.663	ug/l	99
31) Cyclohexane	8.253	56	149471	41.604	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	180486	49.067	ug/l	97
36) 1,1-Dichloropropene	8.371	75	130876	47.361	ug/l	99
37) Ethyl Acetate	7.559	43	138017	55.024	ug/l	98
38) Carbon Tetrachloride	8.359	117	153464	48.951	ug/l	98
39) Methylcyclohexane	9.600	83	144981	46.093	ug/l	99
40) Benzene	8.606	78	397967	47.848	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	77049	51.935	ug/l	99
42) 1,2-Dichloroethane	8.671	62	156825	50.460	ug/l	99
43) Isopropyl Acetate	8.688	43	243847	53.647	ug/l	99
44) Trichloroethene	9.353	130	93991	48.799	ug/l	99
45) 1,2-Dichloropropane	9.618	63	99713	49.602	ug/l	99
46) Dibromomethane	9.706	93	71436	50.734	ug/l	99
47) Bromodichloromethane	9.888	83	156640	51.403	ug/l	100
48) Methyl methacrylate	9.676	41	118867	55.120	ug/l	97
49) 1,4-Dioxane	9.694	88	38584	1087.606	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	694174	280.554	ug/l	98
52) Toluene	10.629	92	250654	49.269	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	161930	52.425	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	167687	51.682	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	95174	50.110	ug/l	99
56) Ethyl methacrylate	10.870	69	165201	56.534	ug/l	95
57) 1,3-Dichloropropane	11.159	76	167186	51.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	347535	330.066	ug/l	96
59) 2-Hexanone	11.194	43	511931	279.699	ug/l	98
60) Dibromochloromethane	11.359	129	115063	54.132	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97097	51.260	ug/l	97
64) Tetrachloroethene	11.100	164	80018	48.096	ug/l	96
65) Chlorobenzene	11.888	112	270604	48.667	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	98285	50.989	ug/l	99
67) Ethyl Benzene	11.965	91	508762	51.507	ug/l	99
68) m/p-Xylenes	12.070	106	374939	102.243	ug/l	100
69) o-Xylene	12.394	106	181524	51.133	ug/l	98
70) Styrene	12.412	104	312270	53.598	ug/l	99
71) Bromoform	12.576	173	72922	56.140	ug/l #	100
73) Isopropylbenzene	12.694	105	476713	50.720	ug/l	99
74) N-amyl acetate	12.494	43	218870	54.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	136674	49.492	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	119327m	48.679	ug/l	
77) Bromobenzene	12.982	156	107645	47.580	ug/l	97
78) n-propylbenzene	13.035	91	560865	51.288	ug/l	99
79) 2-Chlorotoluene	13.123	91	349301	50.085	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	406827	51.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	48662	51.992	ug/l	87
82) 4-Chlorotoluene	13.223	91	351926	50.284	ug/l	99
83) tert-Butylbenzene	13.435	119	356224	51.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	408957	51.377	ug/l	99
85) sec-Butylbenzene	13.611	105	478979	52.095	ug/l	100
86) p-Isopropyltoluene	13.729	119	400612	51.978	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	203374	47.632	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	202808	46.909	ug/l	99
89) n-Butylbenzene	14.053	91	353847	51.134	ug/l	99
90) Hexachloroethane	14.329	117	74518	48.097	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	200350	48.621	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30812	55.971	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	101134	45.736	ug/l	100
94) Hexachlorobutadiene	15.500	225	43279	46.087	ug/l	99
95) Naphthalene	15.641	128	348096	51.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98878	46.788	ug/l	99

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

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

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