

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083791.D
 Acq On : 11 Sep 2024 12:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:06:05 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113022	49.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	8.165	113	80124	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	10.565	98	293562	51.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.847	95	116001	48.909	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92853	52.380	ug/l	95
3) Chloromethane	2.359	50	96483	53.426	ug/l	97
4) Vinyl Chloride	2.512	62	98446	50.667	ug/l	96
5) Bromomethane	2.906	94	55805	50.023	ug/l	100
6) Chloroethane	3.077	64	66402	48.719	ug/l	93
7) Trichlorofluoromethane	3.471	101	168204	50.999	ug/l	97
8) Diethyl Ether	3.953	74	57405	51.923	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	93036	53.219	ug/l	97
10) Methyl Iodide	4.583	142	114902	51.680	ug/l	96
11) Tert butyl alcohol	5.530	59	82327	267.118	ug/l	99
12) 1,1-Dichloroethene	4.330	96	83287	50.448	ug/l	96
13) Acrolein	4.171	56	77151	253.706	ug/l	96
14) Allyl chloride	5.012	41	154256	52.436	ug/l	98
15) Acrylonitrile	5.712	53	221249	263.967	ug/l	98
16) Acetone	4.424	43	248789	269.645	ug/l	99
17) Carbon Disulfide	4.700	76	218851	47.389	ug/l	99
18) Methyl Acetate	5.024	43	107359	56.072	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	311194	52.089	ug/l	98
20) Methylene Chloride	5.271	84	95892	50.788	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	86440	48.855	ug/l	89
22) Diisopropyl ether	6.671	45	322165	53.200	ug/l	98
23) Vinyl Acetate	6.600	43	1228060	276.919	ug/l	99
24) 1,1-Dichloroethane	6.565	63	175379	50.268	ug/l	99
25) 2-Butanone	7.482	43	322514	265.951	ug/l	98
26) 2,2-Dichloropropane	7.488	77	170992	53.219	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	107623	51.241	ug/l	97
28) Bromochloromethane	7.812	49	73121	49.768	ug/l	96
29) Tetrahydrofuran	7.835	42	196268	273.716	ug/l	98
30) Chloroform	7.965	83	187996	50.756	ug/l	98
31) Cyclohexane	8.253	56	156154	46.943	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	175429	51.509	ug/l	98
36) 1,1-Dichloropropene	8.365	75	128219	51.229	ug/l	99
37) Ethyl Acetate	7.559	43	132317	58.242	ug/l	98
38) Carbon Tetrachloride	8.359	117	150427	52.977	ug/l	100
39) Methylcyclohexane	9.600	83	155833	54.700	ug/l	99
40) Benzene	8.600	78	400377	53.148	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75956	56.528	ug/l	97
42) 1,2-Dichloroethane	8.671	62	150827	53.581	ug/l	100
43) Isopropyl Acetate	8.688	43	291272	70.750	ug/l	93
44) Trichloroethene	9.353	130	91400	52.393	ug/l	97
45) 1,2-Dichloropropane	9.618	63	98666	54.190	ug/l	98
46) Dibromomethane	9.706	93	68589	53.782	ug/l	99
47) Bromodichloromethane	9.888	83	152824	55.370	ug/l	97
48) Methyl methacrylate	9.682	41	111880	57.280	ug/l	98
49) 1,4-Dioxane	9.694	88	35797	1114.069	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	645061	287.840	ug/l	98
52) Toluene	10.629	92	248372	53.901	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	153430	54.843	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	161745	55.039	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	91325	53.088	ug/l	98
56) Ethyl methacrylate	10.876	69	154978	58.555	ug/l	96
57) 1,3-Dichloropropane	11.165	76	160620	54.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	314176	329.440	ug/l	97
59) 2-Hexanone	11.194	43	484844	292.470	ug/l	98
60) Dibromochloromethane	11.359	129	107933	56.063	ug/l	99
61) 1,2-Dibromoethane	11.470	107	92995	54.204	ug/l	98
64) Tetrachloroethene	11.100	164	77234	50.762	ug/l	97
65) Chlorobenzene	11.888	112	258778	50.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	92724	52.601	ug/l	98
67) Ethyl Benzene	11.965	91	486481	53.856	ug/l	98
68) m/p-Xylenes	12.070	106	360018	107.352	ug/l	98
69) o-Xylene	12.400	106	177365	54.632	ug/l	98
70) Styrene	12.412	104	297348	55.807	ug/l	99
71) Bromoform	12.582	173	68948	58.043	ug/l #	99
73) Isopropylbenzene	12.694	105	463364	51.446	ug/l	99
74) N-amyl acetate	12.494	43	209696	54.568	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130573	49.340	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	113955m	48.510	ug/l	
77) Bromobenzene	12.976	156	104216	48.069	ug/l	99
78) n-propylbenzene	13.035	91	550980	52.577	ug/l	99
79) 2-Chlorotoluene	13.123	91	333983	49.973	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	394325	51.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47836	53.334	ug/l	87
82) 4-Chlorotoluene	13.223	91	339883	50.677	ug/l	100
83) tert-Butylbenzene	13.435	119	348498	52.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	400930	52.561	ug/l	100
85) sec-Butylbenzene	13.617	105	473533	53.744	ug/l	99
86) p-Isopropyltoluene	13.729	119	398051	53.893	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	197047	48.158	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	196222	47.361	ug/l	99
89) n-Butylbenzene	14.053	91	344110	51.891	ug/l	99
90) Hexachloroethane	14.335	117	76196	51.321	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	196350	49.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28797	54.588	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	104117	49.134	ug/l	97
94) Hexachlorobutadiene	15.500	225	43330	48.150	ug/l	97
95) Naphthalene	15.641	128	338814	52.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99451	49.108	ug/l	99

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

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