

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085084.D
 Acq On : 04 Dec 2024 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 22:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	279794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	126983	49.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.860%
35) Dibromofluoromethane	8.165	113	104367	55.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.620%
50) Toluene-d8	10.565	98	363771	53.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.847	95	137465	54.361	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89076	44.125	ug/l	97
3) Chloromethane	2.359	50	97825	41.781	ug/l	96
4) Vinyl Chloride	2.512	62	100732	47.874	ug/l	99
5) Bromomethane	2.954	94	67647	57.360	ug/l	93
6) Chloroethane	3.124	64	64638	45.576	ug/l	98
7) Trichlorofluoromethane	3.501	101	174828	48.844	ug/l	95
8) Diethyl Ether	3.959	74	58907	48.354	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	103159	50.816	ug/l	99
10) Methyl Iodide	4.583	142	138221	51.437	ug/l	93
11) Tert butyl alcohol	5.506	59	64896	190.969	ug/l	97
12) 1,1-Dichloroethene	4.342	96	94728	49.991	ug/l	98
13) Acrolein	4.177	56	59453	262.190	ug/l	93
14) Allyl chloride	5.024	41	134411	42.077	ug/l	95
15) Acrylonitrile	5.706	53	223460	232.263	ug/l	99
16) Acetone	4.418	43	258487	349.014	ug/l	99
17) Carbon Disulfide	4.706	76	263601	47.130	ug/l	96
18) Methyl Acetate	5.018	43	107907	45.481	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	310729	50.189	ug/l	98
20) Methylene Chloride	5.271	84	106050	46.925	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	97476	48.883	ug/l	88
22) Diisopropyl ether	6.659	45	315943	49.142	ug/l	98
23) Vinyl Acetate	6.594	43	1119761	252.461	ug/l	99
24) 1,1-Dichloroethane	6.559	63	189539	49.264	ug/l	99
25) 2-Butanone	7.477	43	305406	252.224	ug/l	99
26) 2,2-Dichloropropane	7.483	77	179981	50.098	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	118539	49.311	ug/l	99
28) Bromochloromethane	7.812	49	73222	50.417	ug/l	96
29) Tetrahydrofuran	7.836	42	180617	239.866	ug/l	99
30) Chloroform	7.959	83	198245	48.440	ug/l	97
31) Cyclohexane	8.253	56	163355	48.224	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	186455	50.416	ug/l	98
36) 1,1-Dichloropropene	8.365	75	138381	54.146	ug/l	98
37) Ethyl Acetate	7.559	43	122367	52.667	ug/l	97
38) Carbon Tetrachloride	8.359	117	165811	56.206	ug/l	94
39) Methylcyclohexane	9.600	83	155396	58.513	ug/l	95
40) Benzene	8.600	78	431469	53.378	ug/l	100

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41) Methacrylonitrile	7.771	41	67085	52.149	ug/l	98
42) 1,2-Dichloroethane	8.665	62	145727	52.698	ug/l	100
43) Isopropyl Acetate	8.683	43	203017	42.066	ug/l	97
44) Trichloroethene	9.347	130	101855	54.222	ug/l	92
45) 1,2-Dichloropropane	9.618	63	105861	53.172	ug/l	97
46) Dibromomethane	9.706	93	73055	52.808	ug/l	98
47) Bromodichloromethane	9.883	83	157695	53.783	ug/l	98
48) Methyl methacrylate	9.677	41	97005	54.015	ug/l	98
49) 1,4-Dioxane	9.688	88	32944	1057.785	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	600232	272.294	ug/l	99
52) Toluene	10.630	92	268984	56.211	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	158019	53.756	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	169242	54.270	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	96875	54.351	ug/l	97
56) Ethyl methacrylate	10.871	69	150149	57.649	ug/l	98
57) 1,3-Dichloropropane	11.159	76	168422	53.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	367974	288.021	ug/l	99
59) 2-Hexanone	11.188	43	455418	276.238	ug/l	100
60) Dibromochloromethane	11.353	129	116398	53.434	ug/l	100
61) 1,2-Dibromoethane	11.465	107	98836	53.580	ug/l	99
64) Tetrachloroethene	11.100	164	89953	54.455	ug/l	97
65) Chlorobenzene	11.888	112	287016	51.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	106434	54.373	ug/l	99
67) Ethyl Benzene	11.959	91	514328	57.021	ug/l	99
68) m/p-Xylenes	12.071	106	398644	116.086	ug/l	99
69) o-Xylene	12.394	106	185209	56.698	ug/l	99
70) Styrene	12.406	104	322581	59.382	ug/l	99
71) Bromoform	12.576	173	76547	52.681	ug/l #	98
73) Isopropylbenzene	12.694	105	483613	56.804	ug/l	99
74) N-amyl acetate	12.488	43	176259	50.241	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	135757	46.696	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	122611m	55.856	ug/l	
77) Bromobenzene	12.976	156	119099	51.983	ug/l	96
78) n-propylbenzene	13.029	91	578086	58.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	357502	54.537	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	418290	58.550	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47800	48.071	ug/l	92
82) 4-Chlorotoluene	13.218	91	358728	52.568	ug/l	99
83) tert-Butylbenzene	13.435	119	341552	55.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	417631	56.791	ug/l	98
85) sec-Butylbenzene	13.612	105	487048	58.655	ug/l	100
86) p-Isopropyltoluene	13.723	119	409714	59.772	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	215329	47.649	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	210804	45.711	ug/l	98
89) n-Butylbenzene	14.053	91	342277	53.694	ug/l	99
90) Hexachloroethane	14.329	117	75416	50.475	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	198575	45.857	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24863	44.226	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	100085	42.543	ug/l	95
94) Hexachlorobutadiene	15.500	225	51667	47.587	ug/l	98
95) Naphthalene	15.635	128	278427	41.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98804	44.016	ug/l	98

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

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