

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084255.D
 Acq On : 01 Oct 2024 21:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 02:11:00 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119252	49.689	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	8.165	113	93647	50.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	10.565	98	353112	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.847	95	127015	51.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97821	51.092	ug/l	91
3) Chloromethane	2.359	50	111025	50.786	ug/l	98
4) Vinyl Chloride	2.512	62	110690	52.271	ug/l	99
5) Bromomethane	2.953	94	67500	48.325	ug/l	95
6) Chloroethane	3.118	64	68939	45.457	ug/l	90
7) Trichlorofluoromethane	3.495	101	172980	52.458	ug/l	99
8) Diethyl Ether	3.959	74	62751	51.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	96944	51.308	ug/l	98
10) Methyl Iodide	4.589	142	128443	52.787	ug/l	97
11) Tert butyl alcohol	5.524	59	95754	241.967	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95242	52.259	ug/l	96
13) Acrolein	4.177	56	108766	239.411	ug/l	99
14) Allyl chloride	5.024	41	151133	47.749	ug/l	99
15) Acrylonitrile	5.718	53	264640	264.816	ug/l	98
16) Acetone	4.424	43	217200	210.676	ug/l	99
17) Carbon Disulfide	4.712	76	276735	47.960	ug/l	99
18) Methyl Acetate	5.024	43	117914	52.475	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	323319	52.562	ug/l	97
20) Methylene Chloride	5.277	84	107942	51.505	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	98983	51.841	ug/l	93
22) Diisopropyl ether	6.671	45	352466	53.837	ug/l	98
23) Vinyl Acetate	6.600	43	1305681	268.888	ug/l	99
24) 1,1-Dichloroethane	6.571	63	195826	53.487	ug/l	98
25) 2-Butanone	7.483	43	344399	245.264	ug/l	99
26) 2,2-Dichloropropane	7.488	77	132100	40.017	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	121982	52.869	ug/l	97
28) Bromochloromethane	7.812	49	76422	46.783	ug/l	99
29) Tetrahydrofuran	7.835	42	225444	260.162	ug/l	98
30) Chloroform	7.965	83	198478	52.189	ug/l	99
31) Cyclohexane	8.253	56	169715	47.742	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	179557	52.570	ug/l	100
36) 1,1-Dichloropropene	8.371	75	140853	52.228	ug/l	100
37) Ethyl Acetate	7.559	43	144854	52.355	ug/l	98
38) Carbon Tetrachloride	8.359	117	156503	52.902	ug/l	97
39) Methylcyclohexane	9.600	83	156735	52.218	ug/l	97
40) Benzene	8.606	78	442380	52.648	ug/l	99

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41) Methacrylonitrile	7.777	41	81305	54.129	ug/l	98
42) 1,2-Dichloroethane	8.671	62	151530	53.195	ug/l	100
43) Isopropyl Acetate	8.688	43	240327	44.346	ug/l	99
44) Trichloroethene	9.353	130	102279	52.116	ug/l	98
45) 1,2-Dichloropropane	9.618	63	108411	54.540	ug/l	99
46) Dibromomethane	9.706	93	74438	55.493	ug/l	98
47) Bromodichloromethane	9.888	83	160962	54.011	ug/l	97
48) Methyl methacrylate	9.677	41	115375	53.482	ug/l	99
49) 1,4-Dioxane	9.694	88	43982	1107.419	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	721912	274.089	ug/l	100
52) Toluene	10.629	92	276062	53.877	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	158036	52.022	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	170509	52.182	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	100205	54.552	ug/l	96
56) Ethyl methacrylate	10.871	69	168024	55.591	ug/l	100
57) 1,3-Dichloropropane	11.159	76	173891	52.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	375717	267.965	ug/l	99
59) 2-Hexanone	11.194	43	530012	269.235	ug/l	99
60) Dibromochloromethane	11.359	129	117429	54.106	ug/l	98
61) 1,2-Dibromoethane	11.465	107	99477	52.118	ug/l	98
64) Tetrachloroethene	11.100	164	90479	50.862	ug/l	98
65) Chlorobenzene	11.888	112	289762	51.169	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	101047	51.806	ug/l	99
67) Ethyl Benzene	11.965	91	522948	52.219	ug/l	98
68) m/p-Xylenes	12.071	106	394536	106.503	ug/l	100
69) o-Xylene	12.400	106	190035	54.220	ug/l	99
70) Styrene	12.412	104	326604	55.016	ug/l	99
71) Bromoform	12.576	173	77384	53.888	ug/l #	98
73) Isopropylbenzene	12.694	105	487971	51.406	ug/l	100
74) N-amyl acetate	12.494	43	218245	50.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	141573	49.600	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137518m	54.150	ug/l	
77) Bromobenzene	12.982	156	114900	50.181	ug/l	96
78) n-propylbenzene	13.035	91	577170	52.479	ug/l	99
79) 2-Chlorotoluene	13.123	91	351757	50.123	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	413886	53.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47528	44.868	ug/l	99
82) 4-Chlorotoluene	13.218	91	360401	51.014	ug/l	100
83) tert-Butylbenzene	13.435	119	356415	51.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	416021	53.334	ug/l	99
85) sec-Butylbenzene	13.617	105	481396	52.419	ug/l	99
86) p-Isopropyltoluene	13.729	119	407937	53.718	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	214776	50.001	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	213635	49.250	ug/l	99
89) n-Butylbenzene	14.053	91	345331	50.150	ug/l	99
90) Hexachloroethane	14.335	117	75330	48.869	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	212034	50.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28747	48.805	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	103318	49.802	ug/l	99
94) Hexachlorobutadiene	15.500	225	44071	42.598	ug/l	99
95) Naphthalene	15.641	128	339313	49.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	101095	48.682	ug/l	98

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

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