

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081998.D
 Acq On : 03 May 2024 17:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2024
 Supervised By : Semsettin Yesilyurt 05/06/2024

Quant Time: May 06 01:58:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154255	50.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.500%
35) Dibromofluoromethane	8.165	113	110787	48.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.571	98	462996	51.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	158386	44.883	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	111012	43.914	ug/l	96
3) Chloromethane	2.359	50	124837	47.337	ug/l	95
4) Vinyl Chloride	2.518	62	122653	51.379	ug/l	98
5) Bromomethane	2.947	94	54573	54.159	ug/l	95
6) Chloroethane	3.124	64	68120	56.458	ug/l	90
7) Trichlorofluoromethane	3.500	101	161311	43.682	ug/l	98
8) Diethyl Ether	3.959	74	78621	50.119	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	104533	48.757	ug/l	91
10) Methyl Iodide	4.589	142	105889	56.389	ug/l	96
11) Tert butyl alcohol	5.518	59	119583	216.430	ug/l	97
12) 1,1-Dichloroethene	4.336	96	105088	48.180	ug/l	86
13) Acrolein	4.177	56	83612	192.293	ug/l	96
14) Allyl chloride	5.024	41	190522	41.295	ug/l	91
15) Acrylonitrile	5.718	53	327484	246.832	ug/l	99
16) Acetone	4.430	43	223243	248.353	ug/l	97
17) Carbon Disulfide	4.718	76	270028	41.190	ug/l	96
18) Methyl Acetate	5.024	43	156505	50.838	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	396592	48.187	ug/l	95
20) Methylene Chloride	5.271	84	127057	48.780	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	109319	45.968	ug/l	88
22) Diisopropyl ether	6.671	45	453110	50.753	ug/l #	94
23) Vinyl Acetate	6.600	43	1745170	240.584	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	241238	51.915	ug/l	96
25) 2-Butanone	7.482	43	415084	240.621	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	186131	43.544	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	143124	51.503	ug/l	89
28) Bromochloromethane	7.812	49	112742	51.049	ug/l #	79
29) Tetrahydrofuran	7.841	42	290426	234.772	ug/l	89
30) Chloroform	7.965	83	222497	48.306	ug/l	94
31) Cyclohexane	8.259	56	199948	43.670	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	182918	44.532	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	158303	42.810	ug/l	96
37) Ethyl Acetate	7.559	43	173981	43.516	ug/l	99
38) Carbon Tetrachloride	8.365	117	144186	39.896	ug/l	96
39) Methylcyclohexane	9.600	83	185363	41.275	ug/l	90
40) Benzene	8.606	78	526484	47.429	ug/l	93

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41) Methacrylonitrile	7.777	41	106283	41.662	ug/l	89
42) 1,2-Dichloroethane	8.677	62	175159	42.494	ug/l	97
43) Isopropyl Acetate	8.688	43	325955	43.359	ug/l #	93
44) Trichloroethene	9.353	130	105592	41.258	ug/l	82
45) 1,2-Dichloropropane	9.624	63	139579	48.046	ug/l	94
46) Dibromomethane	9.712	93	84763	42.214	ug/l	90
47) Bromodichloromethane	9.888	83	182203	43.026	ug/l #	94
48) Methyl methacrylate	9.682	41	151098	42.103	ug/l	89
49) 1,4-Dioxane	9.694	88	48599	890.971	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	929801	219.709	ug/l	95
52) Toluene	10.629	92	313660	47.184	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201150	43.655	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	212189	44.681	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	120450	46.072	ug/l	98
56) Ethyl methacrylate	10.876	69	217384	43.666	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	212806	45.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	528432	233.007	ug/l	90
59) 2-Hexanone	11.194	43	691307	219.501	ug/l	96
60) Dibromochloromethane	11.359	129	123473	44.590	ug/l	100
61) 1,2-Dibromoethane	11.470	107	113886	45.551	ug/l	99
64) Tetrachloroethene	11.106	164	95325	40.179	ug/l	95
65) Chlorobenzene	11.894	112	329938	46.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	106798	46.066	ug/l	97
67) Ethyl Benzene	11.965	91	605811	45.664	ug/l	98
68) m/p-Xylenes	12.070	106	440639	93.117	ug/l	95
69) o-Xylene	12.400	106	216435	46.848	ug/l	95
70) Styrene	12.412	104	365870	45.779	ug/l	96
71) Bromoform	12.582	173	70757	38.821	ug/l #	98
73) Isopropylbenzene	12.694	105	559228	46.524	ug/l	97
74) N-amyl acetate	12.494	43	295532	44.160	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	168942	46.803	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	151087m	43.102	ug/l	
77) Bromobenzene	12.982	156	112984	44.918	ug/l	72
78) n-propylbenzene	13.035	91	665897	45.607	ug/l	96
79) 2-Chlorotoluene	13.123	91	399127	42.965	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	449729	44.214	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	70920	41.458	ug/l	89
82) 4-Chlorotoluene	13.223	91	390985	43.353	ug/l	93
83) tert-Butylbenzene	13.441	119	376020	44.391	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	450572	44.357	ug/l	98
85) sec-Butylbenzene	13.617	105	551416	46.214	ug/l	96
86) p-Isopropyltoluene	13.729	119	433883	45.288	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	211982	45.166	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	213253	46.141	ug/l	97
89) n-Butylbenzene	14.059	91	405774	45.503	ug/l	97
90) Hexachloroethane	14.335	117	84248	44.703	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	213964	47.555	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31203	35.506	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	103567	41.145	ug/l	97
94) Hexachlorobutadiene	15.500	225	36008	38.811	ug/l	97
95) Naphthalene	15.641	128	417578	43.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	107060	44.299	ug/l	97

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

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