

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083087.D
 Acq On : 30 Jul 2024 23:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Supervised By :Semsettin
 Yesilyurt
 07/31/2024

Quant Time: Jul 31 06:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141518	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141112	59.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.080%	
35) Dibromofluoromethane	8.165	113	110972	59.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.900%	
50) Toluene-d8	10.565	98	387007	56.133	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.847	95	128328	51.818	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.640%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	103332	47.208	ug/l	98
3) Chloromethane	2.359	50	80060	38.568	ug/l	98
4) Vinyl Chloride	2.512	62	102149	46.855	ug/l	99
5) Bromomethane	2.942	94	69048	43.927	ug/l	94
6) Chloroethane	3.112	64	88333	59.209	ug/l	98
7) Trichlorofluoromethane	3.489	101	177855	56.721	ug/l	97
8) Diethyl Ether	3.959	74	59050	55.026	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	106203	59.844	ug/l	100
10) Methyl Iodide	4.583	142	98363	54.061	ug/l	99
11) Tert butyl alcohol	5.524	59	132189	331.616	ug/l	98
12) 1,1-Dichloroethene	4.336	96	89747	52.000	ug/l	89
13) Acrolein	4.177	56	67916	235.989	ug/l	96
14) Allyl chloride	5.024	41	127968	47.553	ug/l #	93
15) Acrylonitrile	5.724	53	297048	324.255	ug/l	99
16) Acetone	4.430	43	258782	310.135	ug/l	97
17) Carbon Disulfide	4.712	76	207530	40.240	ug/l	99
18) Methyl Acetate	5.024	43	204981	92.838	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	359582	60.398	ug/l	97
20) Methylene Chloride	5.277	84	115208	57.171	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	97483	52.127	ug/l	93
22) Diisopropyl ether	6.677	45	364991	64.831	ug/l #	96
23) Vinyl Acetate	6.606	43	1245859	278.659	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	215384	63.070	ug/l	97
25) 2-Butanone	7.489	43	394935	313.459	ug/l	95
26) 2,2-Dichloropropane	7.494	77	140285	44.182	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	129982	59.369	ug/l	87
28) Bromochloromethane	7.812	49	87346	59.622	ug/l #	84
29) Tetrahydrofuran	7.841	42	259774	327.505	ug/l #	87
30) Chloroform	7.965	83	237214	65.477	ug/l	99
31) Cyclohexane	8.259	56	143285	46.243	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	208341	61.939	ug/l	96
36) 1,1-Dichloropropene	8.371	75	140584	54.625	ug/l	98
37) Ethyl Acetate	7.565	43	154927	59.128	ug/l	98
38) Carbon Tetrachloride	8.359	117	179759	58.011	ug/l	99
39) Methylcyclohexane	9.606	83	128511	46.227	ug/l	91
40) Benzene	8.606	78	461336	58.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87336	61.870	ug/l	92
42) 1,2-Dichloroethane	8.671	62	179693	63.052	ug/l	99
43) Isopropyl Acetate	8.688	43	325998	66.993	ug/l	99
44) Trichloroethene	9.353	130	105198	51.868	ug/l	95
45) 1,2-Dichloropropane	9.624	63	122909	66.502	ug/l	98
46) Dibromomethane	9.712	93	90974	63.183	ug/l	100
47) Bromodichloromethane	9.888	83	192360	64.657	ug/l #	96
48) Methyl methacrylate	9.683	41	125264	60.970	ug/l #	86
49) 1,4-Dioxane	9.700	88	53733	1208.302	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	895085	344.583	ug/l	95
52) Toluene	10.630	92	291847	59.016	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	173925	56.748	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	184482	56.867	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	123608	67.974	ug/l	97
56) Ethyl methacrylate	10.877	69	180877	63.933	ug/l	91
57) 1,3-Dichloropropane	11.165	76	203278	63.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	483943	333.360	ug/l	97
59) 2-Hexanone	11.194	43	661051	342.289	ug/l	95
60) Dibromochloromethane	11.359	129	150252	64.872	ug/l	99
61) 1,2-Dibromoethane	11.471	107	120465	62.381	ug/l	99
64) Tetrachloroethene	11.106	164	94444	45.121	ug/l	95
65) Chlorobenzene	11.894	112	332619	55.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	126436	59.127	ug/l	98
67) Ethyl Benzene	11.965	91	553399	54.770	ug/l	98
68) m/p-Xylenes	12.071	106	433188	113.559	ug/l	97
69) o-Xylene	12.400	106	206210	56.417	ug/l	97
70) Styrene	12.412	104	370971	61.426	ug/l	98
71) Bromoform	12.576	173	100778	59.926	ug/l #	98
73) Isopropylbenzene	12.694	105	523061	50.865	ug/l	99
74) N-amyl acetate	12.494	43	240030	56.430	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	185432	60.210	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	161428m	66.163	ug/l	
77) Bromobenzene	12.982	156	137238	51.731	ug/l	94
78) n-propylbenzene	13.035	91	620180	52.453	ug/l	99
79) 2-Chlorotoluene	13.123	91	381895	50.693	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	443506	53.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	61552	49.616	ug/l	92
82) 4-Chlorotoluene	13.223	91	382327	51.274	ug/l	97
83) tert-Butylbenzene	13.441	119	370550	50.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	449157	53.016	ug/l	98
85) sec-Butylbenzene	13.618	105	515083	51.724	ug/l	99
86) p-Isopropyltoluene	13.729	119	424033	51.036	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	247712	51.688	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242079	48.843	ug/l	100
89) n-Butylbenzene	14.059	91	344805	48.441	ug/l	98
90) Hexachloroethane	14.335	117	93155	52.988	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	243459	52.322	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38251	53.686	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	111098	44.326	ug/l	98
94) Hexachlorobutadiene	15.500	225	49554	44.598	ug/l	96
95) Naphthalene	15.641	128	395588	46.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	119921	46.533	ug/l	98

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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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