

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082149.D
 Acq On : 16 May 2024 09:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

05/17/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 17 02:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	212890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169600	50.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.165	113	115179	51.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.600%	
50) Toluene-d8	10.571	98	444200	52.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.853	95	162465	53.391	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.780%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	149514	48.712	ug/l	100
3) Chloromethane	2.360	50	162201	46.630	ug/l	99
4) Vinyl Chloride	2.512	62	156182	47.760	ug/l	99
5) Bromomethane	2.954	94	84710	45.067	ug/l	97
6) Chloroethane	3.118	64	101075	47.336	ug/l	97
7) Trichlorofluoromethane	3.495	101	208449	48.679	ug/l	98
8) Diethyl Ether	3.959	74	76529	50.167	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	118815	47.498	ug/l	98
10) Methyl Iodide	4.589	142	124667	49.575	ug/l	92
11) Tert butyl alcohol	5.512	59	128862	238.806	ug/l	100
12) 1,1-Dichloroethene	4.342	96	112145	48.234	ug/l #	75
13) Acrolein	4.177	56	98047	245.197	ug/l	98
14) Allyl chloride	5.024	41	234637	47.136	ug/l #	91
15) Acrylonitrile	5.718	53	354126	253.395	ug/l	100
16) Acetone	4.424	43	345789	250.757	ug/l	93
17) Carbon Disulfide	4.712	76	340264	45.312	ug/l	99
18) Methyl Acetate	5.024	43	167330	48.725	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	423450	49.827	ug/l	95
20) Methylene Chloride	5.271	84	129691	46.614	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	121992	48.148	ug/l #	81
22) Diisopropyl ether	6.671	45	514479	49.496	ug/l #	92
23) Vinyl Acetate	6.600	43	2149579	262.296	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	258318	48.215	ug/l	97
25) 2-Butanone	7.483	43	537669	257.165	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	219792	48.979	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	144764	48.414	ug/l	79
28) Bromochloromethane	7.812	49	114205	49.001	ug/l #	73
29) Tetrahydrofuran	7.841	42	348909	259.918	ug/l #	81
30) Chloroform	7.965	83	250718	49.005	ug/l	99
31) Cyclohexane	8.259	56	236851	44.115	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	222400	48.998	ug/l #	94
36) 1,1-Dichloropropene	8.371	75	182821	49.020	ug/l	96
37) Ethyl Acetate	7.559	43	209432	50.178	ug/l #	95
38) Carbon Tetrachloride	8.365	117	189713	50.181	ug/l	98
39) Methylcyclohexane	9.600	83	206217	50.445	ug/l #	82
40) Benzene	8.606	78	555904	49.985	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	123562	50.338	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	212893	49.773	ug/l		94
43) Isopropyl Acetate	8.688	43	379792	51.354	ug/l	#	89
44) Trichloroethene	9.353	130	122514	48.496	ug/l		93
45) 1,2-Dichloropropane	9.624	63	141953	49.471	ug/l		98
46) Dibromomethane	9.712	93	93206	49.476	ug/l		98
47) Bromodichloromethane	9.888	83	200414	50.393	ug/l		96
48) Methyl methacrylate	9.683	41	181889	51.615	ug/l	#	83
49) 1,4-Dioxane	9.700	88	47322	958.306	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.447	43	1127033	268.218	ug/l		89
52) Toluene	10.630	92	341985	51.241	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	216252	52.576	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	225696	51.839	ug/l	#	80
55) 1,1,2-Trichloroethane	11.018	97	122897	50.672	ug/l		98
56) Ethyl methacrylate	10.877	69	221614	53.819	ug/l	#	71
57) 1,3-Dichloropropane	11.165	76	225829	49.799	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	562748	264.953	ug/l		89
59) 2-Hexanone	11.194	43	853133	277.290	ug/l		88
60) Dibromochloromethane	11.359	129	144005	53.802	ug/l		98
61) 1,2-Dibromoethane	11.471	107	124334	49.910	ug/l		100
64) Tetrachloroethene	11.106	164	120065	48.757	ug/l		95
65) Chlorobenzene	11.894	112	353859	48.213	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	125785	52.029	ug/l		98
67) Ethyl Benzene	11.965	91	671077	51.112	ug/l		97
68) m/p-Xylenes	12.071	106	493649	102.586	ug/l		91
69) o-Xylene	12.400	106	240616	51.620	ug/l		91
70) Styrene	12.412	104	414335	53.515	ug/l		96
71) Bromoform	12.576	173	96331	50.097	ug/l	#	97
73) Isopropylbenzene	12.694	105	619631	48.615	ug/l		99
74) N-amyl acetate	12.494	43	345276	49.249	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	174905	47.605	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	169023m	50.054	ug/l		
77) Bromobenzene	12.982	156	144532	47.583	ug/l		87
78) n-propylbenzene	13.035	91	758802	50.275	ug/l		97
79) 2-Chlorotoluene	13.129	91	454896	47.998	ug/l		93
80) 1,3,5-Trimethylbenzene	13.176	105	525601	50.999	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	70658	48.942	ug/l	#	78
82) 4-Chlorotoluene	13.224	91	458182	49.446	ug/l		94
83) tert-Butylbenzene	13.441	119	442271	49.053	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	530270	50.291	ug/l		96
85) sec-Butylbenzene	13.618	105	630502	50.451	ug/l		98
86) p-Isopropyltoluene	13.729	119	534787	52.654	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	269901	49.046	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	268542	47.813	ug/l		98
89) n-Butylbenzene	14.059	91	476153	52.159	ug/l		98
90) Hexachloroethane	14.335	117	96080	51.058	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	256875	49.314	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	38645	51.194	ug/l		85
93) 1,2,4-Trichlorobenzene	15.394	180	146180	50.065	ug/l		99
94) Hexachlorobutadiene	15.506	225	60029	46.854	ug/l		98
95) Naphthalene	15.641	128	472085	51.593	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	143918	49.237	ug/l		97

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

