Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
Data File : VN075436.D
Acq On : 25 Nov 2022 21:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 28 03:40:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	145838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37246	47.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.160%			
35) Dibromofluoromethane	8.171	113	46748	48.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	10.565	98	106599	49.133	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.260%			
62) 4-Bromofluorobenzene	12.847	95	81786	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	51134	45.853	ug/l	100
3) Chloromethane	2.371	50	60192	43.379	ug/l	97
4) Vinyl Chloride	2.524	62	83871	47.960	ug/l	96
5) Bromomethane	2.918	94	67461	43.868	ug/l	98
6) Chloroethane	3.089	64	66820	50.427	ug/l	97
7) Trichlorofluoromethane	3.483	101	118174	47.302	ug/l	97
8) Diethyl Ether	3.971	74	45595	52.071	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	67422	48.885	ug/l	94
10) Methyl Iodide	4.589	142	110422	49.409	ug/l	96
11) Tert butyl alcohol	5.542	59	73909	224.902	ug/l	98
12) 1,1-Dichloroethene	4.342	96	65065	48.177	ug/l	91
13) Acrolein	4.189	56	72372	252.795	ug/l	99
14) Allyl chloride	5.024	41	86273	49.386	ug/l	96
15) Acrylonitrile	5.724	53	188169	249.575	ug/l	97
16) Acetone	4.436	43	140768	192.781	ug/l	92
17) Carbon Disulfide	4.712	76	147751	42.096	ug/l	98
18) Methyl Acetate	5.036	43	93436	50.778	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	234387	48.992	ug/l	100
20) Methylene Chloride	5.277	84	76191	51.494	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	71761	46.624	ug/l	90
22) Diisopropyl ether	6.677	45	196976	49.411	ug/l	99
23) Vinyl Acetate	6.612	43	785734m	247.747	ug/l	
24) 1,1-Dichloroethane	6.571	63	127538	49.842	ug/l	98
25) 2-Butanone	7.488	43	230648	226.248	ug/l	98
26) 2,2-Dichloropropane	7.500	77	98743	41.521	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	87893	50.502	ug/l	91
28) Bromochloromethane	7.818	49	49175	47.344	ug/l	83
29) Tetrahydrofuran	7.841	42	149169	240.558	ug/l	97
30) Chloroform	7.971	83	145282	49.441	ug/l	97
31) Cyclohexane	8.259	56	112510	45.236	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	131170	49.163	ug/l	96
36) 1,1-Dichloropropene	8.377	75	101660	48.394	ug/l	97
37) Ethyl Acetate	7.565	43	89424	47.276	ug/l	97
38) Carbon Tetrachloride	8.365	117	115909	50.228	ug/l	99
39) Methylcyclohexane	9.606	83	129191	49.139	ug/l	96
40) Benzene	8.606	78	313250	48.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	48329	49.976	ug/l		97
42) 1,2-Dichloroethane	8.671	62	103331	47.971	ug/l		95
43) Isopropyl Acetate	8.694	43	147129	48.459	ug/l		95
44) Trichloroethene	9.353	130	86280	49.026	ug/l		94
45) 1,2-Dichloropropane	9.624	63	74280	48.463	ug/l		93
46) Dibromomethane	9.712	93	57979	50.012	ug/l		90
47) Bromodichloromethane	9.888	83	113416	50.518	ug/l		98
48) Methyl methacrylate	9.682	41	66850	47.618	ug/l		94
49) 1,4-Dioxane	9.700	88	39843	999.468	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.447	43	481205	248.842	ug/l		96
52) Toluene	10.629	92	212534	51.279	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	114663	50.874	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	123092	50.285	ug/l		96
55) 1,1,2-Trichloroethane	11.018	97	84041	49.785	ug/l		97
56) Ethyl methacrylate	10.876	69	120783	52.981	ug/l		98
57) 1,3-Dichloropropane	11.165	76	138162	50.195	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	231127	281.110	ug/l		95
59) 2-Hexanone	11.200	43	359879	247.837	ug/l		95
60) Dibromochloromethane	11.359	129	95043	54.852	ug/l		99
61) 1,2-Dibromoethane	11.471	107	87861	50.146	ug/l		99
64) Tetrachloroethene	11.106	164	77821	44.611	ug/l		87
65) Chlorobenzene	11.894	112	230972	48.960	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	90350	51.315	ug/l		97
67) Ethyl Benzene	11.965	91	409840	50.922	ug/l		97
68) m/p-Xylenes	12.071	106	332657	101.781	ug/l		99
69) o-Xylene	12.400	106	166790	51.362	ug/l		96
70) Styrene	12.412	104	273564	53.402	ug/l		98
71) Bromoform	12.576	173	72078	53.788	ug/l	#	99
73) Isopropylbenzene	12.694	105	426759	48.999	ug/l		98
74) N-amyl acetate	12.500	43	137240	51.255	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	128250	48.299	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	109789m	48.709	ug/l		
77) Bromobenzene	12.982	156	106207	49.394	ug/l		85
78) n-propylbenzene	13.035	91	487207	50.125	ug/l		99
79) 2-Chlorotoluene	13.129	91	292306	49.912	ug/l		97
80) 1,3,5-Trimethylbenzene	13.176	105	375696	51.921	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	36955	48.511	ug/l		95
82) 4-Chlorotoluene	13.129	91	292306	49.912	ug/l		97
83) tert-Butylbenzene	13.441	119	335225	50.811	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	378563	52.157	ug/l		99
85) sec-Butylbenzene	13.617	105	466487	52.111	ug/l		99
86) p-Isopropyltoluene	13.729	119	396983	52.709	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	202348	49.669	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	201522	48.696	ug/l		98
89) n-Butylbenzene	14.059	91	316141	49.698	ug/l		98
90) Hexachloroethane	14.335	117	66977	51.548	ug/l		81
91) 1,2-Dichlorobenzene	14.112	146	201078	50.635	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24483	48.675	ug/l		77
93) 1,2,4-Trichlorobenzene	15.394	180	104942	51.567	ug/l		98
94) Hexachlorobutadiene	15.506	225	52754	49.767	ug/l		97
95) Naphthalene	15.641	128	332438	51.926	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	104197	52.095	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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