Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011546.D
Acq On : 21 Aug 2020 05:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02071

Manual Integrations APPROVED
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8/21/2020 12:51:15 PM

Quant Time: Aug 21 06:05:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:54:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	157026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	552230	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	341211	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	744856	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	777586	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	750930	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	33867	10.35	ng/uL	0.00
5) Phenol-d5	6.62	99	239195	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	127991	22.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	208463	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	189349	21.00	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	94725	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	100024	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	190829	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	233481	21.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	551394	20.75	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	653374	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	91065	20.23	ng/ul	0.00
58) Fluorene-d10	15.06	176	485217	20.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	92447	18.71	ng/ul	0.00
71) Anthracene-d10	16.91	188	735823	20.68	ng/ul	0.00
79) Pyrene-d10	19.22	212	833639	20.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	833735	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	32871	7.796	ng/uL	99
4) Benzaldehyde	6.59	77	151855	20.966	ng/ul	98
6) Phenol	6.65	94	259149	22.891	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	197368	21.995	ng/ul	92
10) 2-Chlorophenol	7.00	128	227543	22.157	ng/ul	97
11) 2-Methylphenol	7.87	108	191599	21.494	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.95	45	116513	23.888	ng/ul	98
14) Acetophenone	8.23	105	317967	21.811	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	147454	23.347	ng/ul	98
16) 4-Methylphenol	8.19	108	204941	21.712	ng/ul	95
17) Hexachloroethane	8.47	117	97304	20.492	ng/ul	95
20) Nitrobenzene	8.60	77	234115	22.381	ng/ul	98
21) Isophorone	9.12	82	369184	20.056	ng/ul	98
23) 2-Nitrophenol	9.30	139	112675	20.990	ng/ul	96
24) 2,4-Dimethylphenol	9.37	107	219660	21.646	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.60	93	231754	21.226	ng/ul	95
27) 2,4-Dichlorophenol	9.82	162	201502	21.812	ng/ul	98
28) Naphthalene	10.21	128	626879	20.341	ng/ul	99
30) 4-Chloroaniline	10.34	127	236780	21.759	ng/ul	95
31) Hexachlorobutadiene	10.50	225	147697	19.631	ng/ul	96
32) Caprolactam	11.12	113	48017m	20.347	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	186809	21.296	ng/ul	97
34) 2-Methylnaphthalene	11.83	142	435353	20.609	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	410016	19.800	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	243321	20.373	ng/ul	98
38) Hexachlorocyclopentadiene	12.19	237	154016	18.820	ng/ul	93
39) 2,4,6-Trichlorophenol	12.47	196	153246	21.924	ng/ul	97
40) 2,4,5-Trichlorophenol	12.54	196	164311	21.649	ng/ul	96
41) 1,1'-Biphenyl	12.87	154	571904	20.884	ng/ul	98
42) 2-Chloronaphthalene	12.91	162	456578	20.605	ng/ul	98
43) 2-Nitroaniline	13.13	65	101099	23.204	ng/ul	93
45) Dimethylphthalate	13.53	163	572113	20.979	ng/ul	98
46) 2,6-Dinitrotoluene	13.65	165	115404	21.613	ng/ul	94
48) Acenaphthylene	13.77	152	680167	20.538	ng/ul	99
49) 3-Nitroaniline	13.97	138	108556	22.223	ng/ul	98
50) Acenaphthene	14.12	153	479989	20.705	ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	56537	17.727	ng/ul	97
53) 4-Nitrophenol	14.30	109	92147	21.477	ng/ul	93
54) Dibenzofuran	14.46	168	696403	20.714	ng/ul	100
55) 2,4-Dinitrotoluene	14.44	165	172423	22.452	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.69	232	143482	22.642	ng/ul	98
57) Diethylphthalate	14.91	149	564547	20.810	ng/ul	99
59) Fluorene	15.12	166	576569	21.278	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	298511	21.113	ng/ul	95
61) 4-Nitroaniline	15.15	138	103480	20.683	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.21	198	100952	18.858	ng/ul	94
65) N-Nitrosodiphenylamine	15.34	169	503770	22.610	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	168192	19.850	ng/ul	89
67) Hexachlorobenzene	16.12	284	198807	21.081	ng/ul	96
68) Atrazine	16.30	200	178188	20.536	ng/ul	96
69) Pentachlorophenol	16.47	266	112365	20.786	ng/ul#	81
70) Phenanthrene	16.85	178	892089	20.192	ng/ul	98
72) Anthracene	16.95	178	935384	20.904	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	249203	21.068	ng/uL	98
74) Pentachlorobenzene	14.38	250	229361	20.235	ng/uL	92
75) Carbazole	17.22	167	796561	21.168	ng/ul	99
76) Di-n-butylphthalate	17.81	149	955647	22.338	ng/ul	99
77) Fluoranthene	18.88	202	1064008	19.682	ng/ul	99
80) Pyrene	19.25	202	1124159	20.544	ng/ul	99
81) Butylbenzylphthalate	20.19	149	443222	24.010	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.96	252	329867	21.273	ng/ul	95
83) Benzo(a)anthracene	21.02	228	1082872	20.932	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	683325	24.547	ng/ul	100
85) Chrysene	21.07	228	1062852	20.684	ng/ul	97
87) Di-n-octyl phthalate	21.83	149	1123495	22.882	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1086008	20.687	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	1014728m	19.462	ng/ul	
91) Benzo(a)pyrene	23.04	252	915626	18.929	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.19	276	983685	15.867	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	791346	15.246	ng/ul	97
94) Benzo(g,h,i)perylene	25.80	276	883612	17.192	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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