Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN009988.D
Acq On : 28 Feb 2020 15:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02070

Manual Integrations APPROVED
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3/3/2020 4:58:44 PM

Quant Time: Feb 28 16:37:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	136387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	601258	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	390737	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	860307	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	862585	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	866057	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	24426	7.37	ng/uL	0.00
5) Phenol-d5	6.58	99	236898	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	168834	21.09	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.92	132	185303	21.22	ng/ul	-0.01
13) 4-Methylphenol-d8	8.09	113	192719	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	93451	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	104806	21.78	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.76	165	193613	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	235295	22.64	ng/ul	-0.01
44) Dimethylphthalate-d6	13.45	166	599191	20.53	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	723156	21.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	102529	19.24	ng/ul	-0.01
58) Fluorene-d10	15.02	176	523714	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	96576	18.07	ng/ul	0.00
71) Anthracene-d10	16.87	188	833581	21.14	ng/ul	0.00
79) Pyrene-d10	19.19	212	891460	19.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	884877	20.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	27001	7.088	ng/uL	91
4) Benzaldehyde	6.55	77	124202	16.100	ng/ul	94
6) Phenol	6.60	94	248568	19.995	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.83	93	202170	20.691	ng/ul	98
10) 2-Chlorophenol	6.95	128	189370	20.585	ng/ul	98
11) 2-Methylphenol	7.83	108	188141	20.681	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.90	45	536202	22.386	ng/ul	98
14) Acetophenone	8.19	105	319123	21.223	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	175238	22.303	ng/ul	95
16) 4-Methylphenol	8.16	108	206545	20.692	ng/ul	97
17) Hexachloroethane	8.42	117	87895	21.001	ng/ul	97
20) Nitrobenzene	8.56	77	268553	20.719	ng/ul	98
21) Isophorone	9.08	82	471532	20.670	ng/ul	100
23) 2-Nitrophenol	9.26	139	113662	21.109	ng/ul	99
24) 2,4-Dimethylphenol	9.33	107	240518	20.573	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.57	93	283138	20.309	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	194701	20.861	ng/ul	95
28) Naphthalene	10.17	128	658269	20.302	ng/ul	100
30) 4-Chloroaniline	10.30	127	234298	22.013	ng/ul	96
31) Hexachlorobutadiene	10.46	225	125551	20.115	ng/ul	94
32) Caprolactam	11.07	113	64176m	20.503	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	225408	21.120	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	461405	20.494	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	462320	20.487	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.18	216	232764	20.097	ng/ul	96
38) Hexachlorocyclopentadiene	12.15	237	78533	15.672	ng/ul	93
39) 2,4,6-Trichlorophenol	12.43	196	150588	20.486	ng/ul	94
40) 2,4,5-Trichlorophenol	12.51	196	164052	20.803	ng/ul	98
41) 1,1'-Biphenyl	12.84	154	616656	20.548	ng/ul	97
42) 2-Chloronaphthalene	12.87	162	475896	19.967	ng/ul	98
43) 2-Nitroaniline	13.10	65	194810	22.351	ng/ul	99
45) Dimethylphthalate	13.49	163	622215	20.431	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	127974	21.465	ng/ul	100
48) Acenaphthylene	13.73	152	782891	21.043	ng/ul	99
49) 3-Nitroaniline	13.95	138	110179	20.017	ng/ul	96
50) Acenaphthene	14.08	153	517907	20.306	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	52819	15.432	ng/ul	98
53) 4-Nitrophenol	14.28	109	99501	20.687	ng/ul	92
54) Dibenzofuran	14.42	168	719576	20.101	ng/ul	95
55) 2,4-Dinitrotoluene	14.43	165	191378	21.659	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.66	232	144315	21.285	ng/ul	99
57) Diethylphthalate	14.87	149	642912	20.559	ng/ul	100
59) Fluorene	15.07	166	613975	20.437	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.08	204	294171	19.854	ng/ul	96
61) 4-Nitroaniline	15.13	138	113897	16.969	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.20	198	103679	18.009	ng/ul	98
65) N-Nitrosodiphenylamine	15.30	169	516092	20.218	ng/ul	99
66) 4-Bromophenyl-phenylether	15.98	248	172072	19.989	ng/ul	96
67) Hexachlorobenzene	16.09	284	192534	20.212	ng/ul	92
68) Atrazine	16.27	200	191343	19.760	ng/ul	95
69) Pentachlorophenol	16.45	266	100566	18.269	ng/ul	92
70) Phenanthrene	16.82	178	966365	19.682	ng/ul	100
72) Anthracene	16.91	178	999694	19.918	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	236064	18.782	ng/uL	94
74) Pentachlorobenzene	14.35	250	232335	19.168	ng/uL	99
75) Carbazole	17.19	167	866596	19.606	ng/ul	99
76) Di-n-butylphthalate	17.77	149	1125424	20.629	ng/ul	99
77) Fluoranthene	18.85	202	1168626	20.320	ng/ul	97
80) Pyrene	19.22	202	1195210	19.219	ng/ul	98
81) Butylbenzylphthalate	20.15	149	512106	20.031	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.93	252	299166	15.907	ng/ul	99
83) Benzo(a)anthracene	20.99	228	1157445	19.526	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	785541	20.126	ng/ul	97
85) Chrysene	21.04	228	1120950	19.208	ng/ul	98
87) Di-n-octyl phthalate	21.79	149	1305654	19.919	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	1124106	20.019	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	1097932	20.650	ng/ul	99
91) Benzo(a)pyrene	23.01	252	1023657	20.269	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	1229829	20.511	ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	1040483	20.285	ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	992404	19.739	ng/ul	97

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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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