Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003948.D
Acq On : 15 Dec 2018 00:58
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02016

Quant Time: Dec 15 01:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	31769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	155580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	97743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	240465	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	317373	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	306010	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	4069	8.38	ng/uL	0.00
5) Phenol-d5	6.99	99	58084	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	31733	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	48197	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48513	18.53	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	24718	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	28406	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	51437	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	60610	25.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	156117	17.89	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	204544	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	33616	18.64	ng/ul	0.01
57) Fluorene-d10	15.46	176	144827	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	18729	10.81	ng/ul	0.00
70) Anthracene-d10	17.31	188	236362	19.45	ng/ul	0.00
78) Pyrene-d10	19.60	212	283611	19.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	333338	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	4386	8.212	ng/uL	95
4) Benzaldehyde	6.98	77	10665	19.978	ng/ul	95
6) Phenol	7.02	94	58366	18.514	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	41997	18.547	ng/ul	100
10) 2-Chlorophenol	7.39	128	47619	19.492	ng/ul	100
11) 2-Methylphenol	8.27	108	45675	18.732	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	58603	18.824	ng/ul	98
14) Acetophenone	8.66	105	71702	18.318	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	34662	17.933	ng/ul	98
16) 4-Methylphenol	8.59	108	49606	18.511	ng/ul	92
17) Hexachloroethane	8.90	117	17025	19.166	ng/ul	98
20) Nitrobenzene	9.04	77	52177	19.544	ng/ul	98
21) Isophorone	9.55	82	101572	18.318	ng/ul	100
23) 2-Nitrophenol	9.75	139	29247	19.923	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	54911	19.314	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	61219	18.449	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	49885	20.095	ng/ul	97
28) Naphthalene	10.68	128	161164	19.307	ng/ul	99
30) 4-Chloroaniline	10.79	127	58908	24.212	ng/ul	99
31) Hexachlorobutadiene	10.94	225	28778	19.926	ng/ul	98
32) Caprolactam	11.56	113	17964	18.030	ng/ul	98
33) 4-Chloro-3-methylphenol	11.91	107	54924	19.158	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	119737	19.046	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	60589	20.187 ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	17492	9.489 ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	41607	20.589 ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	45877	20.530 ng/ul	97
40) 1,1'-Biphenyl	13.30	154	153500	19.318 ng/ul	100
41) 2-Chloronaphthalene	13.35	162	123928	20.030 ng/ul	99
42) 2-Nitroaniline	13.56	65	34972	20.130 ng/ul	99
44) Dimethylphthalate	13.92	163	151732	17.814 ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	33763	19.529 ng/ul	96
47) Acenaphthylene	14.19	152	192837	19.555 ng/ul	99
48) 3-Nitroaniline	14.39	138	36962	21.026 ng/ul	97
49) Acenaphthene	14.53	153	136134	19.386 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	9054	8.080 ng/ul	97
52) 4-Nitrophenol	14.69	109	21244	18.651 ng/ul	98
53) Dibenzofuran	14.87	168	190626	19.124 ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	51150	19.015 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	41631	19.906 ng/ul#	98
56) Diethylphthalate	15.28	149	155781	17.888 ng/ul	99
58) Fluorene	15.52	166	159098	19.169 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	77213	18.776 ng/ul	98
60) 4-Nitroaniline	15.55	138	44379	20.309 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.60	198	19270	10.829 ng/ul	99
64) N-Nitrosodiphenylamine	15.72	169	138741	19.064 ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	52578	19.449 ng/ul	98
66) Hexachlorobenzene	16.51	284	65720	19.432 ng/ul	100
67) Atrazine	16.67	200	49408	18.625 ng/ul	98
68) Pentachlorophenol	16.86	266	36845	19.082 ng/ul	99
69) Phenanthrene	17.26	178	271091	19.512 ng/ul	100
71) Anthracene	17.35	178	278299	19.541 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	60894	20.221 ng/uL	98
73) Pentachlorobenzene	14.78	250	67515	19.621 ng/uL	100
74) Carbazole	17.62	167	258664	19.766 ng/ul	100
75) Di-n-butylphthalate	18.16	149	291706	18.912 ng/ul	99
76) Fluoranthene	19.27	202	342042	20.085 ng/ul	99
79) Pyrene	19.63	202	352408	19.876 ng/ul	99
80) Butylbenzylphthalate	20.52	149	155661	19.648 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.31	252	112094	15.353 ng/ul	100
82) Benzo(a)anthracene	21.38	228	388486	19.630 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	230026	19.007 ng/ul	99
84) Chrysene	21.43	228	360450	19.445 ng/ul	100
86) Di-n-octyl phthalate	22.18	149	417136	24.255 ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	391433	21.354 ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	356410	20.765 ng/ul	98
90) Benzo(a)pyrene	23.61	252	350440	19.851 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.06	276	384365	16.703 ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	325065	16.993 ng/ul	99
93) Benzo(g,h,i)perylene	26.79	276	311409	16.168 ng/ul	99

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

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