Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003932.D
Acq On : 14 Dec 2018 15:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02015

Quant Time: Dec 14 22:23:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	21240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	110157	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	73536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	186413	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	266137	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	306114	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2512	7.74	ng/uL	0.00
5) Phenol-d5	6.99	99	39742	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	21914	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	31787	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33622	19.21	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	16770	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18992	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	36223	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	37086	21.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	117796	17.95	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	150256	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	26251	19.34	ng/ul	0.00
57) Fluorene-d10	15.46	176	108771	19.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	21199	15.79	ng/ul	0.00
70) Anthracene-d10	17.31	188	181602	19.28	ng/ul	0.00
78) Pyrene-d10	19.60	212	221580	18.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	331613	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	2921	8.180	ng/uL#	90
4) Benzaldehyde	6.98	77	6996	19.602	ng/ul	96
6) Phenol	7.01	94	40458	19.195	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	29126	19.239	ng/ul	98
10) 2-Chlorophenol	7.39	128	31911	19.538	ng/ul	99
11) 2-Methylphenol	8.26	108	30893	18.950	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	41254	19.820	ng/ul	99
14) Acetophenone	8.65	105	51213	19.570	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	24229	18.750	ng/ul	98
16) 4-Methylphenol	8.59	108	35163	19.625	ng/ul	97
17) Hexachloroethane	8.90	117	11388	19.175	ng/ul	98
20) Nitrobenzene	9.04	77	37161	19.659	ng/ul	100
21) Isophorone	9.55	82	71410	18.189	ng/ul	99
23) 2-Nitrophenol	9.75	139	20504	19.727	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	38992	19.370	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	43574	18.547	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	35286	20.075	ng/ul	98
28) Naphthalene	10.67	128	115311	19.511	ng/ul	99
30) 4-Chloroaniline	10.79	127	37610	21.832	ng/ul	99
31) Hexachlorobutadiene	10.94	225	19521	19.090	ng/ul	98
32) Caprolactam	11.55	113	12329	17.477	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	39725	19.570	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	86217	19.370	ng/ul	97

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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	44157	19.555	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	23421	16.888	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	29526	19.421	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	33656	20.019	ng/ul	100
40) 1,1'-Biphenyl	13.30	154	113927	19.057	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	91274	19.608	ng/ul	99
42) 2-Nitroaniline	13.56	65	25425	19.452	ng/ul	99
44) Dimethylphthalate	13.92	163	115677	18.052	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	24551	18.875	ng/ul	100
47) Acenaphthylene	14.19	152	143578	19.352	ng/ul	99
48) 3-Nitroaniline	14.38	138	25844	19.541	ng/ul	99
49) Acenaphthene	14.53	153	101741	19.258	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	19741	23.416	ng/ul	98
52) 4-Nitrophenol	14.68	109	17074	19.924	ng/ul	97
53) Dibenzofuran	14.86	168	144610	19.283	ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	38893	19.218	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	31042	19.729	ng/ul	99
56) Diethylphthalate	15.27	149	117767	17.974	ng/ul	100
58) Fluorene	15.52	166	121034	19.384	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	58116	18.784	ng/ul	99
60) 4-Nitroaniline	15.55	138	32357	19.682	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	22230	16.115	ng/ul	98
64) N-Nitrosodiphenylamine	15.72	169	105288	18.662	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	39376	18.789	ng/ul	96
66) Hexachlorobenzene	16.51	284	49191	18.762	ng/ul	99
67) Atrazine	16.66	200	36454	17.727	ng/ul	100
68) Pentachlorophenol	16.86	266	27727	18.523	ng/ul	97
69) Phenanthrene	17.25	178	207505	19.266	ng/ul	100
71) Anthracene	17.35	178	214834	19.458	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	44527	19.073	ng/uL	97
73) Pentachlorobenzene	14.77	250	50566	18.957	ng/uL	98
74) Carbazole	17.62	167	196974	19.416	ng/ul	100
75) Di-n-butylphthalate	18.16	149	213011	17.815	ng/ul	100
76) Fluoranthene	19.27	202	262167	19.858	ng/ul	99
79) Pyrene	19.63	202	276044	18.566	ng/ul	99
80) Butylbenzylphthalate	20.52	149	115029	17.314	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.32	252	107429	17.547	ng/ul	99
82) Benzo(a)anthracene	21.38	228	321405	19.367	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	169164	16.669	ng/ul	99
84) Chrysene	21.43	228	303647	19.534	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	313822	18.242	ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	372572	20.318	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	347861	20.260	ng/ul	99
90) Benzo(a)pyrene	23.61	252	349306	19.780	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.06	276	393094	17.077	ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	332419	17.372	ng/ul	100
93) Benzo(g,h,i)perylene	26.79	276	312385	16.213	ng/ul	99

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

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