Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002128.D
Acq On : 24 Jul 2018 09:42
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02020

Quant Time: Jul 24 11:40:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 02:24:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	285637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1288164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	766998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1710970	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1573590	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1263881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	45736	7.22	ng/uL	0.00
5) Phenol-d5	6.87	99	521041	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	317401	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	412224	19.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	417230	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	212612	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	241541	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	437112	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	576756	22.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1293943	19.90	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1631314	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	231814	18.66	ng/ul	0.00
57) Fluorene-d10	15.33	176	1118051	20.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	206480	18.53	ng/ul	0.00
70) Anthracene-d10	17.17	188	1697993	20.35	ng/ul	0.00
78) Pyrene-d10	19.48	212	1782316	21.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	1394463	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	47233	7.433	ng/uL#	91
4) Benzaldehyde	6.85	77	339315	21.267	ng/ul	97
6) Phenol	6.90	94	516961	19.138	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.13	93	395102	19.182	ng/ul#	88
10) 2-Chlorophenol	7.26	128	415510	19.607	ng/ul#	90
11) 2-Methylphenol	8.14	108	397925	19.154	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	645104	19.052	ng/ul#	86
14) Acetophenone	8.51	105	664617	20.211	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	345887	19.195	ng/ul#	86
16) 4-Methylphenol	8.46	108	438567	19.455	ng/ul	100
17) Hexachloroethane	8.76	117	168598	20.127	ng/ul	97
20) Nitrobenzene	8.89	77	500474	20.375	ng/ul	96
21) Isophorone	9.40	82	960413	19.541	ng/ul	98
23) 2-Nitrophenol	9.59	139	248466	20.104	ng/ul#	89
24) 2,4-Dimethylphenol	9.66	107	499220	20.176	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	570755	19.291	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	418692	19.967	ng/ul	97
28) Naphthalene	10.52	128	1368447	20.108	ng/ul	100
30) 4-Chloroaniline	10.63	127	566807	22.978	ng/ul	97
31) Hexachlorobutadiene	10.80	225	258984	20.840	ng/ul	98
32) Caprolactam	11.39	113	146566	18.805	ng/ul#	51
33) 4-Chloro-3-methylphenol	11.77	107	470552	19.950	ng/ul	97
34) 2-Methylnaphthalene	12.13	142	983359	19.810	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	511286	20.558	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	299487	18.984	ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	343816	20.112	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	357842	19.816	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1284136	20.118	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	1006042	20.270	ng/ul	97
42) 2-Nitroaniline	13.41	65	327389	20.516	ng/ul	83
44) Dimethylphthalate	13.79	163	1265753	19.876	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	277911	20.648	ng/ul	96
47) Acenaphthylene	14.05	152	1581078	20.363	ng/ul	100
48) 3-Nitroaniline	14.24	138	279650	21.079	ng/ul	90
49) Acenaphthene	14.39	153	1067975	19.928	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	131696	16.634	ng/ul#	1
52) 4-Nitrophenol	14.56	109	173677	20.006	ng/ul#	84
53) Dibenzofuran	14.73	168	1522493	20.107	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	393003	20.132	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	314469	19.832	ng/ul#	97
56) Diethylphthalate	15.16	149	1289982	19.949	ng/ul	99
58) Fluorene	15.39	166	1231020	20.364	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	617170	20.555	ng/ul	94
60) 4-Nitroaniline	15.41	138	300667	19.575	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	214837	18.620	ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	1067350	20.396	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	380524	20.212	ng/ul	92
66) Hexachlorobenzene	16.39	284	420368	20.177	ng/ul	94
67) Atrazine	16.55	200	397551	21.053	ng/ul	99
68) Pentachlorophenol	16.73	266	223741	18.880	ng/ul	97
69) Phenanthrene	17.12	178	1948533	20.279	ng/ul	100
71) Anthracene	17.21	178	1999647	20.434	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	534600	20.955	ng/uL	98
73) Pentachlorobenzene	14.65	250	489573	20.515	ng/uL	98
74) Carbazole	17.49	167	1740844	21.030	ng/ul	99
75) Di-n-butylphthalate	18.05	149	2216103	20.247	ng/ul	100
76) Fluoranthene	19.14	202	2220987	21.781	ng/ul	99
79) Pyrene	19.51	202	2221772	22.003	ng/ul	100
80) Butylbenzylphthalate	20.42	149	1031999	21.518	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	688430	20.632	ng/ul	98
82) Benzo(a)anthracene	21.27	228	2031160	20.265	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	1500531	22.096	ng/ul#	97
84) Chrysene	21.32	228	1890362	20.236	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2477301	29.844	ng/ul#	94
87) Benzo(b)fluoranthene	22.85	252	1699392	21.846	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	1619123	21.910	ng/ul	99
90) Benzo(a)pyrene	23.43	252	1519865	20.563	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	1504753	17.612	ng/ul	96
92) Dibenzo(a,h)anthracene	25.77	278	1259459	17.613	ng/ul	98
93) Benzo(g,h,i)perylene	26.44	276	1221974	17.020	ng/ul	96

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

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