Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071318\
Data File : BN002035.D
Acq On : 13 Jul 2018 15:45
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02008

Quant Time: Jul 13 19:00:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 15:04:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	415726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1917525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1167480	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2691097	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	2971694	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	3185116	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	71236	7.73	ng/uL	0.00
5) Phenol-d5	6.89	99	750928	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	469084	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	597138	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	608530	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	304174	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	344127	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	624329	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	836084	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1897730	19.18	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2382358	19.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	373258	19.74	ng/ul	0.00
57) Fluorene-d10	15.33	176	1639252	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	332582	18.97	ng/ul	0.00
70) Anthracene-d10	17.19	188	2543321	19.38	ng/ul	0.00
78) Pyrene-d10	19.49	212	2849811	18.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	3318021	19.29	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	73478	7.945	ng/uL#	91
4) Benzaldehyde	6.86	77	485240	20.896	ng/ul	97
6) Phenol	6.92	94	765956	19.483	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.14	93	590260	19.690	ng/ul	89
10) 2-Chlorophenol	7.28	128	599289	19.430	ng/ul#	89
11) 2-Methylphenol	8.15	108	586551	19.398	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	976756	19.820	ng/ul#	86
14) Acetophenone	8.52	105	951622	19.883	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	505442	19.272	ng/ul#	87
16) 4-Methylphenol	8.48	108	643969	19.628	ng/ul	99
17) Hexachloroethane	8.78	117	236468	19.396	ng/ul	97
20) Nitrobenzene	8.90	77	709148	19.394	ng/ul	96
21) Isophorone	9.42	82	1419858	19.407	ng/ul	97
23) 2-Nitrophenol	9.60	139	360940	19.619	ng/ul	92
24) 2,4-Dimethylphenol	9.67	107	716997	19.466	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	855083	19.416	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	605008	19.382	ng/ul	99
28) Naphthalene	10.53	128	1971495	19.461	ng/ul	100
30) 4-Chloroaniline	10.64	127	826682	22.514	ng/ul	99
31) Hexachlorobutadiene	10.82	225	358471	19.378	ng/ul	97
32) Caprolactam	11.40	113	134550	11.597	ng/ul#	54
33) 4-Chloro-3-methylphenol	11.78	107	677504	19.296	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	1432417	19.385	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	724112	19.128	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	449302	18.711	ng/ul	100
38) 2,4,6-Trichlorophenol	12.76	196	497586	19.122	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	517350	18.821	ng/ul	100
40) 1,1'-Biphenyl	13.17	154	1871718	19.264	ng/ul	99
41) 2-Chloronaphthalene	13.21	162	1448204	19.169	ng/ul	97
42) 2-Nitroaniline	13.42	65	471020	19.391	ng/ul	86
44) Dimethylphthalate	13.80	163	1873027	19.323	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	397717	19.413	ng/ul	98
47) Acenaphthylene	14.06	152	2291241	19.386	ng/ul	100
48) 3-Nitroaniline	14.25	138	420133	20.804	ng/ul	96
49) Acenaphthene	14.40	153	1569537	19.241	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	210343	17.454	ng/ul#	1
52) 4-Nitrophenol	14.57	109	257462	19.484	ng/ul#	78
53) Dibenzofuran	14.74	168	2228191	19.332	ng/ul	94
54) 2,4-Dinitrotoluene	14.71	165	583832	19.648	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.97	232	462340	19.155	ng/ul#	96
56) Diethylphthalate	15.17	149	1905018	19.354	ng/ul	99
58) Fluorene	15.39	166	1785551	19.405	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	884776	19.359	ng/ul	91
60) 4-Nitroaniline	15.42	138	470914	20.142	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.48	198	353951	19.504	ng/ul	95
64) N-Nitrosodiphenylamine	15.60	169	1574858	19.133	ng/ul	100
65) 4-Bromophenyl-phenylether	16.28	248	565226	19.088	ng/ul	92
66) Hexachlorobenzene	16.40	284	626011	19.104	ng/ul	91
67) Atrazine	16.56	200	593972	19.999	ng/ul	97
68) Pentachlorophenol	16.75	266	348201	18.680	ng/ul	99
69) Phenanthrene	17.13	178	2934104	19.414	ng/ul	100
71) Anthracene	17.22	178	3018963	19.614	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	765078	19.066	ng/uL	97
73) Pentachlorobenzene	14.66	250	717410	19.113	ng/uL	100
74) Carbazole	17.49	167	2715886	20.860	ng/ul	99
75) Di-n-butylphthalate	18.06	149	3398459	19.741	ng/ul	100
76) Fluoranthene	19.15	202	3524197	21.974	ng/ul	97
79) Pyrene	19.52	202	3565132	18.696	ng/ul	98
80) Butylbenzylphthalate	20.43	149	1678535	18.533	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.22	252	1339963	21.265	ng/ul	97
82) Benzo(a)anthracene	21.28	228	3650372	19.285	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	2440908	19.033	ng/ul	98
84) Chrysene	21.33	228	3385173	19.189	ng/ul	100
86) Di-n-octyl phthalate	22.11	149	4336838	20.731	ng/ul#	92
87) Benzo(b)fluoranthene	22.87	252	3859374	19.687	ng/ul	100
88) Benzo(k)fluoranthene	22.92	252	3527257	18.940	ng/ul	99
90) Benzo(a)pyrene	23.45	252	3596572	19.308	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	4309154	20.013	ng/ul	100
92) Dibenzo(a,h)anthracene	25.80	278	3575580	19.842	ng/ul	99
93) Benzo(g,h,i)perylene	26.47	276	3617771	19.995	ng/ul	99

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

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