Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091018\
Data File : BN002615.D
Acq On : 10 Sep 2018 10:32
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02033

Quant Time: Sep 10 11:20:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	180440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	822900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	492156	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1132587	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1057697	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	870078	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	28527	7.46	ng/uL	0.00
5) Phenol-d5	6.85	99	320109	19.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	197231	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	257471	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	254860	19.27	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	130875	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	147333	21.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	267660	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	318287	23.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	826882	20.27	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1041787	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	122355	15.87	ng/ul	0.00
57) Fluorene-d10	15.29	176	718649	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	130327	18.07	ng/ul	0.00
70) Anthracene-d10	17.15	188	1104689	20.42	ng/ul	0.00
78) Pyrene-d10	19.45	212	1166662	23.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	918670	20.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	29676	7.256	ng/uL	95
4) Benzaldehyde	6.82	77	207698	18.273	ng/ul	98
6) Phenol	6.88	94	323026	19.172	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	241728	18.872	ng/ul#	87
10) 2-Chlorophenol	7.23	128	254959	20.095	ng/ul#	91
11) 2-Methylphenol	8.10	108	246519	19.387	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	398777	18.798	ng/ul#	87
14) Acetophenone	8.48	105	401791	19.001	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	211910	18.992	ng/ul#	85
16) 4-Methylphenol	8.43	108	266192	19.242	ng/ul	98
17) Hexachloroethane	8.72	117	101126	19.028	ng/ul	99
20) Nitrobenzene	8.85	77	307920	19.643	ng/ul	96
21) Isophorone	9.37	82	589044	19.493	ng/ul	97
23) 2-Nitrophenol	9.56	139	151921	20.983	ng/ul	91
24) 2,4-Dimethylphenol	9.62	107	305099	20.549	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	350974	19.713	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	257042	20.972	ng/ul	99
28) Naphthalene	10.48	128	839772	19.834	ng/ul	100
30) 4-Chloroaniline	10.60	127	316524	22.882	ng/ul	98
31) Hexachlorobutadiene	10.76	225	154837	20.069	ng/ul	98
32) Caprolactam	11.36	113	92294	20.045	ng/ul#	58
33) 4-Chloro-3-methylphenol	11.73	107	294714	20.896	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	621626	19.893	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	309956	20.792	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	119370	13.182	ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	209501	21.825	ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	220922	21.509	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	800192	20.310	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	629083	20.483	ng/ul	97
42) 2-Nitroaniline	13.37	65	199653	20.411	ng/ul#	82
44) Dimethylphthalate	13.76	163	800146	19.997	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	174166	21.544	ng/ul	97
47) Acenaphthylene	14.02	152	966067	20.274	ng/ul	99
48) 3-Nitroaniline	14.21	138	167287	21.749	ng/ul	95
49) Acenaphthene	14.36	153	681691	20.280	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	68190	14.098	ng/ul#	1
52) 4-Nitrophenol	14.53	109	88291	15.105	ng/ul#	78
53) Dibenzofuran	14.70	168	957462	20.190	ng/ul	94
54) 2,4-Dinitrotoluene	14.67	165	247390	20.296	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	185699	20.705	ng/ul	97
56) Diethylphthalate	15.13	149	813468	19.926	ng/ul	100
58) Fluorene	15.35	166	780783	20.124	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	387195	20.220	ng/ul	92
60) 4-Nitroaniline	15.38	138	192827	19.398	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	134626	18.098	ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	680410	20.559	ng/ul	100
65) 4-Bromophenyl-phenylether	16.24	248	240114	20.781	ng/ul	91
66) Hexachlorobenzene	16.36	284	263790	20.457	ng/ul	94
67) Atrazine	16.52	200	249379	20.611	ng/ul	100
68) Pentachlorophenol	16.70	266	127142	17.614	ng/ul	100
69) Phenanthrene	17.09	178	1251717	20.048	ng/ul	99
71) Anthracene	17.18	178	1286517	20.316	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	335788	21.203	ng/uL	99
73) Pentachlorobenzene	14.62	250	314792	20.855	ng/uL	100
74) Carbazole	17.45	167	1138386	20.271	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1415910	20.740	ng/ul	100
76) Fluoranthene	19.11	202	1440268	20.268	ng/ul	99
79) Pyrene	19.47	202	1455361	22.820	ng/ul	99
80) Butylbenzylphthalate	20.39	149	643627	23.818	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	426934	20.255	ng/ul	98
82) Benzo(a)anthracene	21.23	228	1314061	20.279	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	863839	21.312	ng/ul#	98
84) Chrysene	21.29	228	1216637	19.838	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1529566	27.663	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1146805	21.989	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	1017215	20.703	ng/ul	99
90) Benzo(a)pyrene	23.37	252	991215	19.951	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	1039181	17.582	ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	870659	17.620	ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	838002	16.992	ng/ul	98

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

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