Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002645.D
Acq On : 12 Sep 2018 01:00
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02037

Quant Time: Sep 12 07:57:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 12 07:54:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	154924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	697767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	425022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	988765	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1054045	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	968468	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	24328	7.41	ng/uL	0.00
5) Phenol-d5	6.85	99	271611	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	166252	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	219530	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	219044	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	108054	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	123914	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	227384	21.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	268502	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	706945	20.06	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	880858	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	108155	16.24	ng/ul	0.00
57) Fluorene-d10	15.29	176	615021	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	125121	19.88	ng/ul	0.00
70) Anthracene-d10	17.14	188	951357	20.14	ng/ul	0.00
78) Pyrene-d10	19.45	212	1049053	20.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1039278	20.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	28836	8.212	ng/uL#	84
4) Benzaldehyde	6.82	77	175502	17.983	ng/ul	98
6) Phenol	6.88	94	274444	18.971	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	207666	18.883	ng/ul#	87
10) 2-Chlorophenol	7.23	128	218299	20.040	ng/ul#	90
11) 2-Methylphenol	8.10	108	206954	18.956	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	344087	18.892	ng/ul#	86
14) Acetophenone	8.48	105	339877	18.720	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	179372	18.723	ng/ul#	84
16) 4-Methylphenol	8.43	108	228017	19.197	ng/ul	98
17) Hexachloroethane	8.72	117	86739	19.009	ng/ul	96
20) Nitrobenzene	8.85	77	257488	19.371	ng/ul	96
21) Isophorone	9.37	82	500533	19.534	ng/ul	98
23) 2-Nitrophenol	9.56	139	129265	21.055	ng/ul#	91
24) 2,4-Dimethylphenol	9.62	107	257774	20.475	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	298661	19.783	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	219866	21.156	ng/ul	97
28) Naphthalene	10.48	128	721705	20.103	ng/ul	100
30) 4-Chloroaniline	10.60	127	271261	23.127	ng/ul	99
31) Hexachlorobutadiene	10.76	225	132022	20.180	ng/ul	96
32) Caprolactam	11.35	113	77468	19.842	ng/ul#	55
33) 4-Chloro-3-methylphenol	11.74	107	243726	20.380	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	532695	20.104	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	264213	20.523 ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	114876	14.689 ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	175615	21.185 ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	187819	21.174 ng/ul	98
40) 1,1'-Biphenyl	13.12	154	685027	20.134 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	539539	20.342 ng/ul	97
42) 2-Nitroaniline	13.37	65	168370	19.932 ng/ul	82
44) Dimethylphthalate	13.76	163	696282	20.150 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	145210	20.799 ng/ul	99
47) Acenaphthylene	14.02	152	834151	20.270 ng/ul	99
48) 3-Nitroaniline	14.21	138	140179	21.103 ng/ul	94
49) Acenaphthene	14.36	153	581125	20.019 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	70828	16.957 ng/ul#	1
52) 4-Nitrophenol	14.54	109	78927	15.636 ng/ul#	86
53) Dibenzofuran	14.69	168	816715	19.943 ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	214621	20.389 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	155885	20.126 ng/ul	99
56) Diethylphthalate	15.13	149	707317	20.062 ng/ul	98
58) Fluorene	15.35	166	677851	20.231 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	330732	20.000 ng/ul	92
60) 4-Nitroaniline	15.38	138	150010	17.474 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.45	198	126661	19.504 ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	591825	20.484 ng/ul	100
65) 4-Bromophenyl-phenylether	16.24	248	209047	20.724 ng/ul	91
66) Hexachlorobenzene	16.36	284	233428	20.735 ng/ul	93
67) Atrazine	16.52	200	219936	20.821 ng/ul	100
68) Pentachlorophenol	16.70	266	104737	16.621 ng/ul	98
69) Phenanthrene	17.09	178	1090330	20.003 ng/ul	100
71) Anthracene	17.17	178	1120682	20.272 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	286472	20.720 ng/uL	98
73) Pentachlorobenzene	14.62	250	271973	20.639 ng/uL	99
74) Carbazole	17.45	167	1017268	20.750 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1261306	21.163 ng/ul	100
76) Fluoranthene	19.11	202	1301453	20.978 ng/ul	99
79) Pyrene	19.47	202	1322210	20.804 ng/ul	99
80) Butylbenzylphthalate	20.38	149	599011	22.244 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.16	252	405033	19.282 ng/ul	98
82) Benzo(a)anthracene	21.23	228	1304050	20.194 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	889911	22.032 ng/ul	99
84) Chrysene	21.28	228	1218393	19.935 ng/ul	100
86) Di-n-octyl phthalate	22.04	149	1522171	24.732 ng/ul#	94
87) Benzo(b)fluoranthene	22.80	252	1226782	21.132 ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	1179054	21.559 ng/ul	99
90) Benzo(a)pyrene	23.37	252	1122622	20.301 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1141754	17.355 ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	958404	17.426 ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	915256	16.673 ng/ul	97

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

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