Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111413.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Quant Time: Dec 14 13:21:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 11:42:38 2018
Response via : Initial Calibration

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12/17/2018 2:36:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211102	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	898811	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	427161	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	755496	20.00	ng		0.00
76) Chrysene-d12	13.96	240	497173	20.00	ng		0.00
87) Perylene-d12	15.39	264	383990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1966775	157.55	ng		0.00
7) Phenol-d6	6.45	99	2479905	147.34	ng		0.01
23) Nitrobenzene-d5	7.37	82	2411499	151.22	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	559097	148.48	ng		0.01
45) 2-Fluorobiphenyl	9.16	172	3816472	143.44	ng		0.00
79) Terphenyl-d14	12.91	244	3218368	142.47	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	501470	80.420	ng		98
3) Pyridine	3.24	79	1374757	89.746	ng		96
4) n-Nitrosodimethylamine	3.20	42	620253	86.798	ng		95
6) Aniline	6.47	93	1527352	75.010	ng	#	13
8) 2-Chlorophenol	6.59	128	1149741	74.931	ng		99
10) Phenol	6.47	94	1405412	73.712	ng		75
11) bis(2-Chloroethyl)ether	6.54	93	1134335	75.624	ng		98
12) 1,3-Dichlorobenzene	6.74	146	1248939	75.188	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1259589	74.908	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1147549	73.768	ng		99
15) Benzyl Alcohol	6.95	79	955970	74.173	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2120280	72.964	ng		94
17) 2-Methylphenol	7.07	107	916329	73.906	ng	#	89
18) Hexachloroethane	7.31	117	477082	76.422	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	835963	74.743	ng		95
20) 3+4-Methylphenols	7.22	107	1083329	73.267	ng	#	86
22) Acetophenone	7.22	105	1574019	75.391	ng		98
24) Nitrobenzene	7.39	77	1225907	74.633	ng		98
25) Isophorone	7.63	82	2065907	76.267	ng		99
26) 2-Nitrophenol	7.70	139	648837	80.363	ng		98
27) 2,4-Dimethylphenol	7.75	122	924218	75.409	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	1359743	73.134	ng		98
29) 2,4-Dichlorophenol	7.95	162	956177	74.790	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	976819	74.359	ng		100
31) Naphthalene	8.10	128	3057209	73.005	ng		99
32) Benzoic acid	7.92	122	842299m	82.673	ng		
33) 4-Chloroaniline	8.16	127	1413423	79.032	ng		98
34) Hexachlorobutadiene	8.23	225	538807	73.934	ng		98
35) Caprolactam	8.56	113	360129m	80.388	ng		
36) 4-Chloro-3-methylphenol	8.65	107	1038304	76.212	ng		100
37) 2-Methylnaphthalene	8.80	142	2018820	74.577	ng		100
38) 1-Methylnaphthalene	8.89	142	1923611	73.626	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	856284	71.315	ng		99
41) Hexachlorocyclopentadiene	8.95	237	518465	82.693	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	637189	74.143 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	672714	74.066 ng	98
46) 1,1'-Biphenyl	9.26	154	2578125	70.738 ng	97
47) 2-Chloronaphthalene	9.29	162	2009402	71.991 ng	99
48) 2-Nitroaniline	9.38	65	710932	78.382 ng	99
49) Acenaphthylene	9.70	152	2898421	71.076 ng	97
50) Dimethylphthalate	9.57	163	2330566	75.871 ng	98
51) 2,6-Dinitrotoluene	9.63	165	530050	77.846 ng	90
52) Acenaphthene	9.87	154	1901613	73.933 ng	99
53) 3-Nitroaniline	9.80	138	642070	78.452 ng	97
54) 2,4-Dinitrophenol	9.90	184	230661	86.346 ng	94
55) Dibenzofuran	10.05	168	2648489	71.328 ng	99
56) 4-Nitrophenol	9.97	139	473453	80.331 ng	99
57) 2,4-Dinitrotoluene	10.03	165	693933	79.520 ng	96
58) Fluorene	10.39	166	1918901	72.242 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513212	73.144 ng	98
60) Diethylphthalate	10.27	149	2237164	72.342 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	928085	70.480 ng	99
62) 4-Nitroaniline	10.42	138	632941	80.460 ng	100
63) Azobenzene	10.54	77	2219667	71.188 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	339440	78.260 ng	89
66) n-Nitrosodiphenylamine	10.50	169	1884162	70.110 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	599893	71.326 ng	98
68) Hexachlorobenzene	10.94	284	612058	70.673 ng	97
69) Atrazine	11.03	200	475547	61.181 ng	97
70) Pentachlorophenol	11.13	266	416579	72.282 ng	97
71) Phenanthrene	11.34	178	2777694	71.132 ng	96
72) Anthracene	11.40	178	2805611	70.560 ng	98
73) Carbazole	11.55	167	2941011	71.534 ng	98
74) Di-n-butylphthalate	11.89	149	3251538	69.459 ng	98
75) Fluoranthene	12.53	202	2753999	72.243 ng	100
78) Pyrene	12.76	202	2815537	73.378 ng	98
80) Butylbenzylphthalate	13.38	149	1396912	75.825 ng	96
81) Benzo(a)anthracene	13.95	228	1966584	70.696 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	756025	71.862 ng	98
83) Chrysene	13.99	228	2109893	74.342 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1691257	75.094 ng	100
85) Di-n-octyl phthalate	14.56	149	2709350	73.263 ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1628007	73.342 ng	95
88) Benzo(b)fluoranthene	14.99	252	1747324	80.024 ng	99
89) Benzo(k)fluoranthene	15.02	252	1595290	73.195 ng	99
90) Benzo(a)pyrene	15.34	252	1548340	76.158 ng	98
91) Dibenzo(a,h)anthracene	16.84	278	1341880	79.332 ng	95
92) Benzo(g,h,i)perylene	17.25	276	1384820	81.887 ng	95

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

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