Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108877.D
Acq On : 7 Sep 2018 23:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/10/2018 10:39:46 AM

Quant Time: Sep 08 00:26:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	208059	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	809786	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	353508	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	535507	20.00	ng		0.00
75) Chrysene-d12	13.87	240	436400	20.00	ng		0.00
86) Perylene-d12	15.28	264	541259	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	990781	78.89	ng		0.00
7) Phenol-d6	6.37	99	1283082	79.40	ng		0.00
23) Nitrobenzene-d5	7.30	82	1137318	87.89	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	246978	73.18	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1853958	89.47	ng		0.00
78) Terphenyl-d14	12.82	244	1112397	59.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	239834	39.736	ng		93
3) Pyridine	3.10	79	679727	41.122	ng		91
4) n-Nitrosodimethylamine	3.04	42	250380	39.438	ng	#	87
6) Aniline	6.40	93	834230	38.385	ng		96
8) 2-Chlorophenol	6.52	128	558641	40.187	ng		96
9) Benzaldehyde	6.28	77	451831	39.414	ng		99
10) Phenol	6.39	94	720459	38.927	ng		80
11) bis(2-Chloroethyl)ether	6.48	93	574574	38.754	ng		95
12) 1,3-Dichlorobenzene	6.68	146	626051	39.465	ng		98
13) 1,4-Dichlorobenzene	6.75	146	631981	39.838	ng		99
14) 1,2-Dichlorobenzene	6.91	146	587838	40.202	ng		98
15) Benzyl Alcohol	6.88	79	497270	40.100	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	853295	38.502	ng		98
17) 2-Methylphenol	7.00	107	450845	38.377	ng		98
18) Hexachloroethane	7.25	117	209270	36.585	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	404258	35.991	ng		96
20) 3+4-Methylphenols	7.15	107	531370	38.613	ng	#	61
22) Acetophenone	7.15	105	703531	38.281	ng	#	92
24) Nitrobenzene	7.32	77	589175	42.436	ng		99
25) Isophorone	7.56	82	958663	37.142	ng		98
26) 2-Nitrophenol	7.64	139	259855	47.506	ng		96
27) 2,4-Dimethylphenol	7.68	122	437989	39.431	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	664478	38.506	ng		100
29) 2,4-Dichlorophenol	7.88	162	453954	39.635	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	492526	39.680	ng		97
31) Naphthalene	8.04	128	1441181	39.558	ng		99
32) Benzoic acid	7.77	122	225615m	33.606	ng		
33) 4-Chloroaniline	8.09	127	649032	38.789	ng		98
34) Hexachlorobutadiene	8.17	225	297993	40.187	ng		98
35) Caprolactam	8.45	113	141925	36.568	ng		93
36) 4-Chloro-3-methylphenol	8.57	107	454769	37.272	ng		98
37) 2-Methylnaphthalene	8.73	142	915062	38.018	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	462652	43.781	ng		97
40) Hexachlorocyclopentadiene	8.89	237	94024	17.686	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	301708	41.917	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	302134	40.495	ng		92
45) 1,1'-Biphenyl	9.20	154	1145007	42.072	ng		100
46) 2-Chloronaphthalene	9.22	162	917134	41.668	ng		98
47) 2-Nitroaniline	9.31	65	287636	47.836	ng		94
48) Acenaphthylene	9.63	152	1327329	40.457	ng		99
49) Dimethylphthalate	9.50	163	1017470	41.151	ng		99
50) 2,6-Dinitrotoluene	9.55	165	222101	47.141	ng		90
51) Acenaphthene	9.80	154	791052	38.963	ng		99
52) 3-Nitroaniline	9.72	138	260446	46.439	ng		97
53) 2,4-Dinitrophenol	9.82	184	15515	17.221	ng	#	23
54) Dibenzofuran	9.97	168	1167753	39.459	ng		98
55) 4-Nitrophenol	9.87	139	152930	36.475	ng		99
56) 2,4-Dinitrotoluene	9.95	165	263167	43.678	ng	#	94
57) Fluorene	10.31	166	761965	40.121	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	215843	35.874	ng		89
59) Diethylphthalate	10.20	149	989590	38.783	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	428734	42.270	ng		95
61) 4-Nitroaniline	10.32	138	210590	41.449	ng		95
62) Azobenzene	10.47	77	981793	37.276	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	36013	21.523	ng		96
65) n-Nitrosodiphenylamine	10.42	169	824458	46.306	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	274610	45.403	ng		90
67) Hexachlorobenzene	10.87	284	275000	42.592	ng	#	87
68) Atrazine	10.95	200	246405	43.231	ng		96
69) Pentachlorophenol	11.05	266	153233	38.819	ng		99
70) Phenanthrene	11.27	178	1044775	40.855	ng		98
71) Anthracene	11.32	178	1050511	42.905	ng		100
72) Carbazole	11.47	167	993328	38.523	ng		99
73) Di-n-butylphthalate	11.81	149	1286291	44.921	ng		99
74) Fluoranthene	12.45	202	958127	37.841	ng		99
76) Benzidine	12.57	184	575946	27.845	ng		99
77) Pyrene	12.68	202	1003781	29.892	ng		100
79) Butylbenzylphthalate	13.30	149	445429	29.455	ng		95
80) Benzo(a)anthracene	13.86	228	1012386	36.193	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	424253	38.930	ng		97
82) Chrysene	13.89	228	1014934	37.481	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	567408	29.857	ng		98
84) Di-n-octyl phthalate	14.48	149	1171784	36.984	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	999976	41.727	ng		96
87) Benzo(b)fluoranthene	14.88	252	1065078	36.189	ng		98
88) Benzo(k)fluoranthene	14.91	252	1103690	40.722	ng		97
89) Benzo(a)pyrene	15.22	252	1032366	38.875	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	852757	36.442	ng		96
91) Benzo(g,h,i)perylene	17.04	276	777778	33.197	ng		96

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

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