Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111715.D
Acq On : 26 Dec 2018 14:50
Operator : JU/SJ
Sample : J6525-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1(5)MS

Quant Time: Dec 26 15:25:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159852	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	613257	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	307403	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	574880	20.00	ng		0.00
76) Chrysene-d12	14.06	240	450020	20.00	ng		0.00
87) Perylene-d12	15.54	264	417869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	739503	78.85	ng		0.00
7) Phenol-d6	6.54	99	955250	80.04	ng		0.00
23) Nitrobenzene-d5	7.46	82	600725	57.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	292265	80.46	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1127172	53.45	ng		0.00
79) Terphenyl-d14	13.00	244	1152052	48.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	90592	20.532	ng		97
3) Pyridine	3.49	79	245957	21.397	ng		96
4) n-Nitrosodimethylamine	3.41	42	154687	27.496	ng		80
6) Aniline	6.56	93	211722	13.917	ng	#	63
8) 2-Chlorophenol	6.69	128	280044	26.957	ng		95
9) Benzaldehyde	6.45	77	136918	16.680	ng		95
10) Phenol	6.55	94	383455	28.475	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	263629	26.125	ng		98
12) 1,3-Dichlorobenzene	6.85	146	313136	26.010	ng		97
13) 1,4-Dichlorobenzene	6.92	146	313794	25.700	ng		96
14) 1,2-Dichlorobenzene	7.07	146	300498	26.379	ng		96
15) Benzyl Alcohol	7.04	79	250044	26.379	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	446106	24.003	ng		99
17) 2-Methylphenol	7.16	107	221280	26.601	ng		95
18) Hexachloroethane	7.42	117	103410	25.133	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	196687	24.815	ng		92
20) 3+4-Methylphenols	7.30	107	274904	26.154	ng	#	76
22) Acetophenone	7.30	105	379009	24.395	ng	#	95
24) Nitrobenzene	7.47	77	296931	26.890	ng		96
25) Isophorone	7.72	82	520629	27.835	ng		98
26) 2-Nitrophenol	7.80	139	138428	30.910	ng		95
27) 2,4-Dimethylphenol	7.83	122	235995	26.732	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	326945	26.268	ng		99
29) 2,4-Dichlorophenol	8.04	162	248838	26.206	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	267338	25.265	ng		96
31) Naphthalene	8.20	128	815400	27.672	ng		97
32) Benzoic acid	7.92	122	93114	15.952	ng		91
33) 4-Chloroaniline	8.25	127	158709	12.462	ng		98
34) Hexachlorobutadiene	8.33	225	154923	24.023	ng		98
35) Caprolactam	8.59	113	73742	22.918	ng		93
36) 4-Chloro-3-methylphenol	8.73	107	243182	26.053	ng		97
37) 2-Methylnaphthalene	8.90	142	550554	28.718	ng		100
38) 1-Methylnaphthalene	9.00	142	521684	28.334	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	270000	26.729	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	186209	37.988 ng		97
43) 2,4,6-Trichlorophenol	9.17	196	180043	26.696 ng		99
44) 2,4,5-Trichlorophenol	9.22	196	188927	27.307 ng		92
46) 1,1'-Biphenyl	9.36	154	687714	26.502 ng		95
47) 2-Chloronaphthalene	9.39	162	534687	26.007 ng		93
48) 2-Nitroaniline	9.47	65	160524	30.013 ng		94
49) Acenaphthylene	9.80	152	839709	27.973 ng		95
50) Dimethylphthalate	9.65	163	824507	36.678 ng		98
51) 2,6-Dinitrotoluene	9.71	165	134744	30.061 ng	#	86
52) Acenaphthene	9.97	154	496505	26.818 ng		98
53) 3-Nitroaniline	9.88	138	98846	20.677 ng		97
54) 2,4-Dinitrophenol	9.99	184	38251	31.469 ng	#	88
55) Dibenzofuran	10.15	168	747680	26.731 ng		93
56) 4-Nitrophenol	10.05	139	205559	56.345 ng		90
57) 2,4-Dinitrotoluene	10.12	165	177190	32.891 ng		98
58) Fluorene	10.49	166	576177	28.587 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	159134	27.331 ng		90
60) Diethylphthalate	10.35	149	625969	28.387 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	289480	25.996 ng		94
62) 4-Nitroaniline	10.49	138	121066	26.057 ng		94
63) Azobenzene	10.63	77	563133	25.438 ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	39030	20.830 ng		87
66) n-Nitrosodiphenylamine	10.59	169	511109	26.486 ng		98
67) 4-Bromophenyl-phenylether	10.97	248	180970	25.380 ng	#	89
68) Hexachlorobenzene	11.04	284	200889	25.268 ng		95
69) Atrazine	11.12	200	178308	26.597 ng		97
70) Pentachlorophenol	11.23	266	208169	42.354 ng		98
71) Phenanthrene	11.45	178	859009	28.175 ng		94
72) Anthracene	11.50	178	864930	28.264 ng		95
73) Carbazole	11.65	167	755513	25.429 ng		94
74) Di-n-butylphthalate	11.98	149	947599	28.447 ng		96
75) Fluoranthene	12.63	202	861640	27.909 ng		96
77) Benzidine	12.74	184	134765	7.958 ng		96
78) Pyrene	12.86	202	849408	26.728 ng		95
80) Butylbenzylphthalate	13.47	149	373619	28.842 ng		95
81) Benzo(a)anthracene	14.05	228	707572	27.551 ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	199149	19.626 ng	#	97
83) Chrysene	14.09	228	669140	26.509 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	528762	32.405 ng		98
85) Di-n-octyl phthalate	14.66	149	815776	32.268 ng		95
86) Indeno(1,2,3-cd)pyrene	17.04	276	498794	23.245 ng	#	87
88) Benzo(b)fluoranthene	15.11	252	696709	28.528 ng	#	95
89) Benzo(k)fluoranthene	15.14	252	601564	25.873 ng	#	97
90) Benzo(a)pyrene	15.49	252	607438	27.378 ng	#	93
91) Dibenzo(a,h)anthracene	17.06	278	427061	21.981 ng	#	92
92) Benzo(g,h,i)perylene	17.49	276	381639	20.116 ng	#	87

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

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