Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106683.D
Acq On : 22 Jun 2018 1:22
Operator : JU/SJ
Sample : J3523-02MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(S)MS

Quant Time: Jun 22 03:25:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58945	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	217854	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	101460	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	201628	20.00	ng		0.00
75) Chrysene-d12	14.15	240	166970	20.00	ng		0.00
86) Perylene-d12	15.68	264	124382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	88469	25.41	ng		0.00
7) Phenol-d6	6.60	99	111696	25.69	ng		0.00
23) Nitrobenzene-d5	7.52	82	64755	16.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	21143	17.98	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	124291	7.24	ng		-0.01
78) Terphenyl-d14	13.08	244	151484	21.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	12048	6.732	ng		99
3) Pyridine	3.60	79	32847	6.768	ng		92
4) n-Nitrosodimethylamine	3.54	42	13236	6.421	ng		82
6) Aniline	6.62	93	27963	4.742	ng	#	86
8) 2-Chlorophenol	6.75	128	29693	7.777	ng		98
9) Benzaldehyde	6.51	77	17993	4.889	ng		95
10) Phenol	6.61	94	43843	8.837	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	31916	7.793	ng		97
12) 1,3-Dichlorobenzene	6.90	146	35998	8.050	ng		97
13) 1,4-Dichlorobenzene	6.98	146	36263	8.021	ng		99
14) 1,2-Dichlorobenzene	7.13	146	34760	8.389	ng		97
15) Benzyl Alcohol	7.10	79	26864	7.696	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	47018	8.750	ng		91
17) 2-Methylphenol	7.22	107	25234	7.723	ng	#	94
18) Hexachloroethane	7.47	117	6678	4.200	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	21835	7.620	ng		95
20) 3+4-Methylphenols	7.37	107	32491	6.915	ng		86
22) Acetophenone	7.37	105	45066	9.246	ng	#	95
24) Nitrobenzene	7.54	77	31890	7.968	ng		99
25) Isophorone	7.78	82	56925	8.241	ng		100
26) 2-Nitrophenol	7.86	139	7511	3.975	ng		97
27) 2,4-Dimethylphenol	7.90	122	25668	8.790	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	36050	7.773	ng		99
29) 2,4-Dichlorophenol	8.11	162	23464	7.675	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	28296	8.401	ng		97
31) Naphthalene	8.27	128	91562	8.990	ng		99
32) Benzoic acid	7.90	122	25668	16.372	ng	#	14
33) 4-Chloroaniline	8.31	127	23075	5.399	ng		98
34) Hexachlorobutadiene	8.37	225	18883	8.604	ng		98
35) Caprolactam	8.65	113	6426	6.448	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	23616	7.339	ng		95
37) 2-Methylnaphthalene	8.96	142	62702	9.288	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	29547	8.647	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	8695	3.828	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	13856	5.846	ng	#	90
45) 1,1'-Biphenyl	9.42	154	70377	8.704	ng		97
46) 2-Chloronaphthalene	9.45	162	49871	7.836	ng		94
47) 2-Nitroaniline	9.54	65	16358	7.643	ng		87
48) Acenaphthylene	9.87	152	79399	7.901	ng		98
49) Dimethylphthalate	9.71	163	79111	10.396	ng		98
50) 2,6-Dinitrotoluene	9.78	165	8826	5.477	ng		92
51) Acenaphthene	10.04	154	51727	8.175	ng		97
52) 3-Nitroaniline	9.95	138	13716	7.397	ng		98
54) Dibenzofuran	10.21	168	77042	8.892	ng		94
55) 4-Nitrophenol	10.15	139	1168	0.902	ng	#	77
56) 2,4-Dinitrotoluene	10.19	165	10309	4.901	ng	#	86
57) Fluorene	10.55	166	62678	9.116	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	3161	1.678	ng	#	63
59) Diethylphthalate	10.41	149	54833	7.466	ng		94
60) 4-Chlorophenyl-phenylether	10.54	204	28491	7.920	ng	#	83
61) 4-Nitroaniline	10.57	138	15186	8.252	ng		98
62) Azobenzene	10.70	77	50363	6.963	ng		93
65) n-Nitrosodiphenylamine	10.66	169	49094	7.239	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	18526	7.699	ng	#	81
67) Hexachlorobenzene	11.10	284	19009	7.548	ng	#	84
68) Atrazine	11.18	200	17217	7.986	ng		91
69) Pentachlorophenol	11.30	266	655	0.521	ng		96
70) Phenanthrene	11.52	178	139469	14.341	ng		98
71) Anthracene	11.57	178	100252	10.100	ng		98
72) Carbazole	11.73	167	80836	8.698	ng		97
73) Di-n-butylphthalate	12.04	149	86209	7.874	ng		99
74) Fluoranthene	12.71	202	166051	15.492	ng		96
76) Benzidine	12.83	184	21331	4.486	ng		97
77) Pyrene	12.95	202	161187	14.639	ng		99
79) Butylbenzylphthalate	13.55	149	36746	8.117	ng	#	98
80) Benzo(a)anthracene	14.14	228	103993	10.219	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	23674	6.619	ng	#	95
82) Chrysene	14.17	228	96846	10.344	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	58664	10.136	ng	#	97
84) Di-n-octyl phthalate	14.73	149	74883	7.938	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.26	276	63750	8.024	ng	#	91
87) Benzo(b)fluoranthene	15.22	252	79606	10.303	ng		94
88) Benzo(k)fluoranthene	15.25	252	62021	8.429	ng		97
89) Benzo(a)pyrene	15.62	252	69131	10.065	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	46348	7.962	ng		94
91) Benzo(g,h,i)perylene	17.74	276	54223	9.530	ng	#	91

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

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