Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107277.D
Acq On : 10 Jul 2018 17:15
Operator : JU/SJ
Sample : J3901-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SMS

Quant Time: Jul 10 18:07:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	30668	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	103157	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	48569	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	104936	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	99763	20.00	ng		-0.02
86) Perylene-d12	15.68	264	75161	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	185728	102.55	ng		-0.01
7) Phenol-d6	6.59	99	212193	93.82	ng		-0.02
23) Nitrobenzene-d5	7.51	82	127904	68.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	61617	109.46	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	221140	75.40	ng		-0.03
78) Terphenyl-d14	13.07	244	323254	78.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	30196	32.430	ng		99
3) Pyridine	3.61	79	80041	31.696	ng		98
4) n-Nitrosodimethylamine	3.57	42	33039	30.805	ng		85
6) Aniline	6.61	93	65031	21.196	ng	#	43
8) 2-Chlorophenol	6.74	128	67489	33.974	ng		96
9) Benzaldehyde	6.50	77	26884	14.749	ng		98
10) Phenol	6.60	94	84883	32.885	ng		75
11) bis(2-Chloroethyl)ether	6.67	93	70471	33.071	ng		98
12) 1,3-Dichlorobenzene	6.88	146	81399	34.986	ng		98
13) 1,4-Dichlorobenzene	6.96	146	82438	35.047	ng		97
14) 1,2-Dichlorobenzene	7.11	146	75378	34.967	ng		97
15) Benzyl Alcohol	7.08	79	52852	29.102	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	98350	35.178	ng	#	29
17) 2-Methylphenol	7.20	107	53382	31.402	ng	#	88
18) Hexachloroethane	7.44	117	20336	24.585	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	47102	31.594	ng		94
20) 3+4-Methylphenols	7.36	107	71067	36.810	ng		95
22) Acetophenone	7.35	105	92787	40.204	ng	#	98
24) Nitrobenzene	7.52	77	67652	35.698	ng		97
25) Isophorone	7.76	82	123766	37.838	ng		98
26) 2-Nitrophenol	7.84	139	27455	30.689	ng		97
27) 2,4-Dimethylphenol	7.88	122	55954	40.465	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	79605	36.247	ng		96
29) 2,4-Dichlorophenol	8.10	162	53003	36.612	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	61832	38.771	ng		97
31) Naphthalene	8.25	128	179479	37.214	ng		99
32) Benzoic acid	7.98	122	2713	8.106	ng		94
33) 4-Chloroaniline	8.30	127	44749	22.113	ng		98
34) Hexachlorobutadiene	8.35	225	41615	40.046	ng		100
35) Caprolactam	8.66	113	14924	31.625	ng		98
36) 4-Chloro-3-methylphenol	8.79	107	51127	33.552	ng		97
37) 2-Methylnaphthalene	8.94	142	123249	38.555	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	62804	38.397	ng	#	95
42) 2,4,6-Trichlorophenol	9.22	196	35814	32.940	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	35791	31.548	ng	#	89
45) 1,1'-Biphenyl	9.40	154	144729	37.391	ng		98
46) 2-Chloronaphthalene	9.43	162	103782	34.063	ng		96
47) 2-Nitroaniline	9.53	65	36164	35.298	ng		94
48) Acenaphthylene	9.85	152	165413	34.387	ng		99
49) Dimethylphthalate	9.70	163	159844	43.880	ng		99
50) 2,6-Dinitrotoluene	9.77	165	23183	30.055	ng	#	85
51) Acenaphthene	10.02	154	99441	32.829	ng		98
52) 3-Nitroaniline	9.95	138	32647	36.780	ng		97
54) Dibenzofuran	10.19	168	153464	36.999	ng		96
55) 4-Nitrophenol	10.13	139	29128	47.013	ng		97
56) 2,4-Dinitrotoluene	10.18	165	27885	27.695	ng	#	94
57) Fluorene	10.54	166	124412	37.799	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	31021	34.398	ng	#	80
59) Diethylphthalate	10.39	149	115747	32.921	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	63035	36.603	ng	#	87
61) 4-Nitroaniline	10.57	138	33181	37.666	ng		92
62) Azobenzene	10.68	77	111211	32.121	ng		92
65) n-Nitrosodiphenylamine	10.64	169	105479	29.884	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	42315	33.788	ng	#	79
67) Hexachlorobenzene	11.09	284	45761	34.912	ng	#	83
68) Atrazine	11.17	200	33536	29.888	ng		96
69) Pentachlorophenol	11.30	266	21332	32.617	ng		98
70) Phenanthrene	11.51	178	202512	40.012	ng		99
71) Anthracene	11.56	178	199449	38.607	ng		99
72) Carbazole	11.72	167	180445	37.307	ng		98
73) Di-n-butylphthalate	12.02	149	198282	34.798	ng		99
74) Fluoranthene	12.70	202	250561	44.915	ng		96
76) Benzidine	12.82	184	184677	64.999	ng		98
77) Pyrene	12.94	202	253407	38.519	ng		99
79) Butylbenzylphthalate	13.53	149	92796	34.308	ng	#	92
80) Benzo(a)anthracene	14.13	228	231145	38.016	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	80672	37.751	ng	#	95
82) Chrysene	14.17	228	210572	37.644	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	124767	36.080	ng		98
84) Di-n-octyl phthalate	14.70	149	213445	37.867	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	157007	33.075	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	195927	41.964	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	156564	35.213	ng	#	95
89) Benzo(a)pyrene	15.61	252	161145	38.825	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	125532	35.687	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	132044	38.405	ng	#	90

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

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