Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107278.D
Acq On : 10 Jul 2018 17:42
Operator : JU/SJ
Sample : J3901-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SMSD

Quant Time: Jul 10 18:08:29 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	26615	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	91924	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	42844	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	90780	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	85804	20.00	ng		-0.02
86) Perylene-d12	15.68	264	63741	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	179222	114.03	ng		-0.01
7) Phenol-d6	6.59	99	207264	105.59	ng		-0.02
23) Nitrobenzene-d5	7.51	82	124805	75.45	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	58257	117.32	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	212842	83.90	ng		-0.03
78) Terphenyl-d14	13.07	244	303892	85.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	26705	33.048	ng		97
3) Pyridine	3.60	79	75272	34.347	ng		99
4) n-Nitrosodimethylamine	3.56	42	30773	33.061	ng		85
6) Aniline	6.61	93	53362	20.042	ng	#	41
8) 2-Chlorophenol	6.74	128	61801	35.849	ng		97
9) Benzaldehyde	6.50	77	25173	16.041	ng		99
10) Phenol	6.60	94	77137	34.435	ng		75
11) bis(2-Chloroethyl)ether	6.67	93	65393	35.361	ng		99
12) 1,3-Dichlorobenzene	6.88	146	75896	37.589	ng		96
13) 1,4-Dichlorobenzene	6.96	146	74796	36.641	ng		97
14) 1,2-Dichlorobenzene	7.11	146	69731	37.273	ng		98
15) Benzyl Alcohol	7.08	79	49158	31.190	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	90752	37.403	ng	#	29
17) 2-Methylphenol	7.20	107	49886	33.814	ng	#	88
18) Hexachloroethane	7.44	117	18721	26.079	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	44052	34.048	ng		95
20) 3+4-Methylphenols	7.36	107	66252	40.436	ng		95
22) Acetophenone	7.35	105	85480	41.564	ng		98
24) Nitrobenzene	7.52	77	62926	37.262	ng		98
25) Isophorone	7.76	82	113643	38.989	ng		99
26) 2-Nitrophenol	7.84	139	25565	32.068	ng		97
27) 2,4-Dimethylphenol	7.88	122	51356	41.678	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	73442	37.527	ng		97
29) 2,4-Dichlorophenol	8.10	162	48581	37.658	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	57241	40.278	ng		97
31) Naphthalene	8.25	128	166826	38.817	ng		99
32) Benzoic acid	7.88	122	51356	56.187	ng	#	14
33) 4-Chloroaniline	8.30	127	39418	21.859	ng		97
34) Hexachlorobutadiene	8.35	225	38511	41.588	ng		97
35) Caprolactam	8.65	113	13688	32.550	ng		98
36) 4-Chloro-3-methylphenol	8.79	107	46846	34.500	ng		96
37) 2-Methylnaphthalene	8.94	142	114542	40.209	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	58663	40.658	ng	#	96
42) 2,4,6-Trichlorophenol	9.22	196	32858	34.260	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	33452	33.426	ng	#	89
45) 1,1'-Biphenyl	9.40	154	136076	39.853	ng		97
46) 2-Chloronaphthalene	9.43	162	96192	35.790	ng		94
47) 2-Nitroaniline	9.53	65	31951	35.353	ng		94
48) Acenaphthylene	9.85	152	151175	35.627	ng		100
49) Dimethylphthalate	9.69	163	145270	45.208	ng		98
50) 2,6-Dinitrotoluene	9.77	165	21212	31.174	ng	#	82
51) Acenaphthene	10.02	154	91592	34.278	ng		97
52) 3-Nitroaniline	9.95	138	28992	37.027	ng		92
54) Dibenzofuran	10.19	168	142979	39.077	ng		96
55) 4-Nitrophenol	10.13	139	25889	47.368	ng		97
56) 2,4-Dinitrotoluene	10.18	165	25762	29.006	ng		95
57) Fluorene	10.54	166	114483	39.430	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	28760	36.152	ng	#	78
59) Diethylphthalate	10.39	149	107928	34.799	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	58701	38.641	ng	#	83
61) 4-Nitroaniline	10.56	138	30492	39.239	ng		98
62) Azobenzene	10.68	77	101094	33.101	ng		92
65) n-Nitrosodiphenylamine	10.64	169	96192	31.503	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	38824	35.835	ng	#	78
67) Hexachlorobenzene	11.09	284	41119	36.262	ng	#	83
68) Atrazine	11.17	200	32585	33.569	ng		96
69) Pentachlorophenol	11.30	266	18216	32.196	ng		99
70) Phenanthrene	11.51	178	193659	44.230	ng		98
71) Anthracene	11.56	178	185598	41.529	ng		98
72) Carbazole	11.72	167	166133	39.705	ng		97
73) Di-n-butylphthalate	12.02	149	179486	36.411	ng		99
74) Fluoranthene	12.70	202	245698	50.911	ng		97
76) Benzidine	12.82	184	168291	68.868	ng		97
77) Pyrene	12.94	202	242674	42.889	ng		99
79) Butylbenzylphthalate	13.53	149	82458	35.445	ng	#	92
80) Benzo(a)anthracene	14.13	228	217329	41.558	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	72025	39.187	ng	#	96
82) Chrysene	14.17	228	195356	40.605	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	110711	37.224	ng		96
84) Di-n-octyl phthalate	14.70	149	188828	38.949	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	145378	35.607	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	178568	45.098	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	143920	38.168	ng	#	95
89) Benzo(a)pyrene	15.61	252	150616	42.789	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	114571	38.406	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	122746	42.097	ng	#	89

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

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