Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106604.D
Acq On : 20 Jun 2018 1:09
Operator : JU/SJ
Sample : J3554-09MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-8(3.0)MS

Quant Time: Jun 20 04:46:38 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	6.97	152	108759	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	385257	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	153768	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	234372	20.00	ng		0.00
75) Chrysene-d12	14.15	240	250907	20.00	ng		0.00
86) Perylene-d12	15.69	264	199861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	809035	125.96	ng		0.01
7) Phenol-d6	6.61	99	1040236	129.69	ng		0.00
23) Nitrobenzene-d5	7.53	82	712436	102.77	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	219624	123.23	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1009686	116.63	ng		0.00
78) Terphenyl-d14	13.08	244	920335	88.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	125085	37.881	ng		96
3) Pyridine	3.66	79	245891	27.457	ng		99
4) n-Nitrosodimethylamine	3.62	42	162332	42.679	ng		84
6) Aniline	6.64	93	306748	28.193	ng		94
8) 2-Chlorophenol	6.76	128	302820	42.986	ng		98
9) Benzaldehyde	6.52	77	165913	28.012	ng		99
10) Phenol	6.62	94	387124	42.291	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	325595	43.086	ng		98
12) 1,3-Dichlorobenzene	6.91	146	357067	43.276	ng		99
13) 1,4-Dichlorobenzene	6.98	146	355681	42.639	ng		98
14) 1,2-Dichlorobenzene	7.14	146	328062	42.913	ng		99
15) Benzyl Alcohol	7.11	79	280233	43.511	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	479446	48.356	ng		92
17) 2-Methylphenol	7.22	107	264553	43.883	ng	#	93
18) Hexachloroethane	7.47	117	115123	39.245	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	209680	39.659	ng		93
20) 3+4-Methylphenols	7.38	107	296966	45.884	ng	#	70
22) Acetophenone	7.37	105	412914	47.906	ng	#	93
24) Nitrobenzene	7.55	77	345286	48.785	ng		96
25) Isophorone	7.78	82	625566	51.209	ng		98
26) 2-Nitrophenol	7.86	139	165561	49.552	ng		96
27) 2,4-Dimethylphenol	7.90	122	271742	52.620	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	401283	48.925	ng		99
29) 2,4-Dichlorophenol	8.11	162	265451	49.097	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	273086	45.850	ng		97
31) Naphthalene	8.27	128	831986	46.191	ng		99
32) Benzoic acid	8.01	122	98070	28.721	ng		93
33) 4-Chloroaniline	8.31	127	154929	20.499	ng		97
34) Hexachlorobutadiene	8.38	225	177442	45.721	ng		99
35) Caprolactam	8.69	113	71927	40.812	ng		93
36) 4-Chloro-3-methylphenol	8.81	107	261527	45.956	ng		95
37) 2-Methylnaphthalene	8.96	142	535643	44.866	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	272297	52.583	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	60085	22.552	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	177842	51.665	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	180234	50.179	ng		96
45) 1,1'-Biphenyl	9.42	154	612515	49.983	ng		99
46) 2-Chloronaphthalene	9.45	162	478257	49.580	ng		98
47) 2-Nitroaniline	9.55	65	161497	49.788	ng		88
48) Acenaphthylene	9.87	152	717046	47.084	ng		99
49) Dimethylphthalate	9.72	163	711639	61.706	ng	#	99
50) 2,6-Dinitrotoluene	9.79	165	119978	49.129	ng		98
51) Acenaphthene	10.04	154	400675	41.780	ng		99
52) 3-Nitroaniline	9.96	138	103297	36.758	ng		98
53) 2,4-Dinitrophenol	10.07	184	11803	14.027	ng	#	23
54) Dibenzofuran	10.21	168	590143	44.940	ng		97
55) 4-Nitrophenol	10.14	139	141644	72.210	ng		97
56) 2,4-Dinitrotoluene	10.20	165	140762	44.159	ng	#	90
57) Fluorene	10.56	166	434217	41.670	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	130382	45.665	ng	#	83
59) Diethylphthalate	10.42	149	520382	46.750	ng		95
60) 4-Chlorophenyl-phenylether	10.54	204	239504	43.927	ng		92
61) 4-Nitroaniline	10.58	138	106454	38.170	ng		99
62) Azobenzene	10.71	77	469810	42.861	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	14967	10.331	ng		80
65) n-Nitrosodiphenylamine	10.67	169	409464	51.941	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	149416	53.418	ng	#	83
67) Hexachlorobenzene	11.10	284	142118	48.545	ng	#	89
68) Atrazine	11.19	200	127745	50.974	ng		96
69) Pentachlorophenol	11.30	266	118024	80.797	ng		99
70) Phenanthrene	11.52	178	560402	49.575	ng		99
71) Anthracene	11.58	178	579735	50.244	ng		99
72) Carbazole	11.73	167	522386	48.357	ng		99
73) Di-n-butylphthalate	12.05	149	646944	50.834	ng		100
74) Fluoranthene	12.72	202	634637	50.936	ng		96
76) Benzidine	12.84	184	177064	24.779	ng		98
77) Pyrene	12.95	202	654672	39.568	ng		99
79) Butylbenzylphthalate	13.55	149	289855	42.609	ng		96
80) Benzo(a)anthracene	14.14	228	708299	46.318	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	247339	46.021	ng	#	96
82) Chrysene	14.18	228	666850	47.400	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	401250	46.136	ng		99
84) Di-n-octyl phthalate	14.74	149	741395	52.297	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	461162	38.626	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	622964	50.177	ng		98
88) Benzo(k)fluoranthene	15.27	252	565312	47.815	ng	#	97
89) Benzo(a)pyrene	15.62	252	537700	48.718	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	392390	41.951	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	373220	40.823	ng	#	93

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

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