Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106532.D
Acq On : 18 Jun 2018 12:25
Operator : JU/SJ
Sample : J3509-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MWHR2-6-061318MS

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:40 PM

Quant Time: Jun 19 03:27:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131865	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	500971	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	239332	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	478411	20.00	ng		0.00
75) Chrysene-d12	14.17	240	318719	20.00	ng		0.01
86) Perylene-d12	15.71	264	284297	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	463518	59.49	ng		0.00
7) Phenol-d6	6.61	99	361574	36.73	ng		0.00
23) Nitrobenzene-d5	7.54	82	832801	97.79	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	366049	158.96	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1323554	105.90	ng		0.00
78) Terphenyl-d14	13.09	244	1387897	108.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	57470	14.253	ng		95
3) Pyridine	3.63	79	158380	14.095	ng		99
4) n-Nitrosodimethylamine	3.57	42	74832	14.537	ng		94
6) Aniline	6.63	93	221171	15.387	ng	#	84
8) 2-Chlorophenol	6.76	128	281935	33.650	ng		97
9) Benzaldehyde	6.52	77	247530	33.153	ng		97
10) Phenol	6.62	94	152349	14.177	ng	#	55
11) bis(2-Chloroethyl)ether	6.70	93	357320	38.843	ng		96
12) 1,3-Dichlorobenzene	6.91	146	380628	38.599	ng		98
13) 1,4-Dichlorobenzene	6.98	146	382163	38.190	ng		99
14) 1,2-Dichlorobenzene	7.14	146	354602	37.643	ng		97
15) Benzyl Alcohol	7.11	79	208710	24.759	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554455	42.046	ng		79
17) 2-Methylphenol	7.22	107	194766	26.055	ng	#	89
18) Hexachloroethane	7.48	117	138049	38.717	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	253150	34.280	ng		96
20) 3+4-Methylphenols	7.38	107	203449	21.282	ng	#	48
22) Acetophenone	7.37	105	483840	38.324	ng		97
24) Nitrobenzene	7.55	77	404312	43.682	ng		99
25) Isophorone	7.78	82	742142	44.618	ng		96
26) 2-Nitrophenol	7.87	139	188273	52.405	ng		97
27) 2,4-Dimethylphenol	7.90	122	276036	39.201	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	464437	43.062	ng		98
29) 2,4-Dichlorophenol	8.11	162	290676	42.788	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	321339	42.187	ng		97
31) Naphthalene	8.27	128	966818	42.692	ng		98
32) Benzoic acid	7.98	122	27059	11.708	ng		92
33) 4-Chloroaniline	8.32	127	140475	13.997	ng		99
34) Hexachlorobutadiene	8.38	225	203074	41.498	ng		100
35) Caprolactam	8.69	113	13533	5.890	ng		89
36) 4-Chloro-3-methylphenol	8.81	107	284605	37.874	ng		98
37) 2-Methylnaphthalene	8.97	142	670136	43.446	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	344009	44.278	ng		97
40) Hexachlorocyclopentadiene	9.11	237	378195	88.227	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	231139	46.683	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	241803	45.302	ng	#	93
45) 1,1'-Biphenyl	9.43	154	795590	42.918	ng		99
46) 2-Chloronaphthalene	9.45	162	650156	43.826	ng		98
47) 2-Nitroaniline	9.55	65	231958	49.704	ng		94
48) Acenaphthylene	9.88	152	1022479	45.030	ng		98
49) Dimethylphthalate	9.73	163	852721	49.870	ng		99
50) 2,6-Dinitrotoluene	9.80	165	174397	49.931	ng		99
51) Acenaphthene	10.05	154	603749	41.172	ng		99
52) 3-Nitroaniline	9.96	138	72481	17.484	ng		96
53) 2,4-Dinitrophenol	10.07	184	142220	87.752	ng	#	21
54) Dibenzofuran	10.22	168	882301	44.681	ng		95
55) 4-Nitrophenol	10.15	139	78314	24.646	ng		93
56) 2,4-Dinitrotoluene	10.20	165	240134	54.750	ng		93
57) Fluorene	10.57	166	683227	43.670	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	200955	47.501	ng	#	84
59) Diethylphthalate	10.42	149	741346	43.681	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	357058	43.392	ng		92
61) 4-Nitroaniline	10.58	138	176059	43.651	ng		98
62) Azobenzene	10.71	77	835250	47.198	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	118747	46.273	ng		90
65) n-Nitrosodiphenylamine	10.67	169	658171	40.934	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	249815	45.910	ng	#	83
67) Hexachlorobenzene	11.11	284	257577	45.916	ng	#	83
68) Atrazine	11.20	200	228023	46.019	ng		96
69) Pentachlorophenol	11.31	266	207211	59.996	ng		99
70) Phenanthrene	11.53	178	1007678	43.009	ng		98
71) Anthracene	11.58	178	1042208	44.402	ng		98
72) Carbazole	11.74	167	918684	42.395	ng		98
73) Di-n-butylphthalate	12.05	149	1099146	45.574	ng		99
74) Fluoranthene	12.72	202	1066884	42.698	ng		98
76) Benzidine	12.84	184	337059	31.776	ng		99
77) Pyrene	12.95	202	1059789	53.112	ng		97
79) Butylbenzylphthalate	13.56	149	434617	58.188	ng	#	97
80) Benzo(a)anthracene	14.15	228	872026	45.977	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	138379	21.624	ng	#	97
82) Chrysene	14.19	228	805391	46.509	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	540356	50.456	ng		100
84) Di-n-octyl phthalate	14.77	149	746389	48.343	ng		99
85) Indeno(1,2,3-cd)pyrene	17.30	276	929629	67.266	ng	#	92
87) Benzo(b)fluoranthene	15.26	252	733392m	42.675	ng		
88) Benzo(k)fluoranthene	15.29	252	682198m	40.082	ng		
89) Benzo(a)pyrene	15.65	252	714220	46.205	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	761371	59.081	ng		96
91) Benzo(g,h,i)perylene	17.78	276	804473	64.235	ng	#	90

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

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