Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106401.D
Acq On : 13 Jun 2018 19:48
Operator : JU/SJ
Sample : J3446-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Manual Integrations APPROVED
Sohil
6/14/2018 2:47:50 PM

Quant Time: Jun 14 03:44:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142774	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	545567	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	260028	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	482160	20.00	ng		0.00
75) Chrysene-d12	14.15	240	341959	20.00	ng		-0.01
86) Perylene-d12	15.68	264	356182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	780166	92.48	ng		-0.01
7) Phenol-d6	6.61	99	929170	87.18	ng		-0.01
23) Nitrobenzene-d5	7.53	82	628233	67.74	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	273334	109.25	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1009569	63.25	ng		0.00
78) Terphenyl-d14	13.08	244	968115	70.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	110010	25.198	ng		96
3) Pyridine	3.61	79	308020	25.318	ng		98
4) n-Nitrosodimethylamine	3.57	42	154408	27.704	ng	#	99
6) Aniline	6.63	93	327009	21.012	ng	#	49
8) 2-Chlorophenol	6.77	128	294986	32.518	ng		98
9) Benzaldehyde	6.52	77	200808	24.840	ng		96
10) Phenol	6.62	94	405534	34.855	ng	#	70
11) bis(2-Chloroethyl)ether	6.70	93	304537	30.575	ng		97
12) 1,3-Dichlorobenzene	6.91	146	329922	30.901	ng		97
13) 1,4-Dichlorobenzene	6.98	146	335875	31.000	ng		99
14) 1,2-Dichlorobenzene	7.14	146	313175	30.705	ng		99
15) Benzyl Alcohol	7.11	79	276356	30.278	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	447703	31.357	ng	#	14
17) 2-Methylphenol	7.24	107	252640	31.215	ng	#	89
18) Hexachloroethane	7.48	117	112915	29.248	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	217677	27.224	ng		98
20) 3+4-Methylphenols	7.38	107	339582	32.809	ng		96
22) Acetophenone	7.37	105	419553	30.516	ng		98
24) Nitrobenzene	7.55	77	333895	33.125	ng		95
25) Isophorone	7.78	82	590047	32.574	ng		97
26) 2-Nitrophenol	7.87	139	157603	40.282	ng		99
27) 2,4-Dimethylphenol	7.91	122	271708	35.432	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	371058	31.592	ng		99
29) 2,4-Dichlorophenol	8.12	162	264143	35.704	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	268982	32.427	ng		95
31) Naphthalene	8.27	128	819437	33.226	ng		98
32) Benzoic acid	8.01	122	99434	22.200	ng		90
33) 4-Chloroaniline	8.32	127	212983	19.487	ng		98
34) Hexachlorobutadiene	8.38	225	167980	31.521	ng		99
35) Caprolactam	8.68	113	80330m	32.102	ng		
36) 4-Chloro-3-methylphenol	8.81	107	276793	33.823	ng		93
37) 2-Methylnaphthalene	8.97	142	563508	33.547	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	285441	33.815	ng		97
40) Hexachlorocyclopentadiene	9.11	237	131591	28.255	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	193311	35.935	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	202358	34.894	ng		96
45) 1,1'-Biphenyl	9.42	154	661061	32.822	ng		100
46) 2-Chloronaphthalene	9.45	162	539829	33.493	ng		97
47) 2-Nitroaniline	9.55	65	191430	37.755	ng		86
48) Acenaphthylene	9.87	152	853840	34.610	ng		99
49) Dimethylphthalate	9.72	163	826205	44.473	ng	#	99
50) 2,6-Dinitrotoluene	9.79	165	138977	36.623	ng		96
51) Acenaphthene	10.04	154	520336	32.659	ng		98
52) 3-Nitroaniline	9.96	138	107247	23.812	ng		97
53) 2,4-Dinitrophenol	10.07	184	78905	49.026	ng	#	19
54) Dibenzofuran	10.21	168	721219	33.617	ng		95
55) 4-Nitrophenol	10.15	139	212839	61.652	ng		95
56) 2,4-Dinitrotoluene	10.20	165	187234	39.291	ng		92
57) Fluorene	10.56	166	555436	32.677	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	167646	36.474	ng	#	84
59) Diethylphthalate	10.42	149	603502	32.729	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	285478	31.932	ng		89
61) 4-Nitroaniline	10.58	138	135904	31.014	ng		98
62) Azobenzene	10.71	77	620111	32.252	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	66159	28.395	ng		82
65) n-Nitrosodiphenylamine	10.67	169	537275	33.156	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	191953	35.002	ng	#	80
67) Hexachlorobenzene	11.11	284	188398	33.323	ng	#	87
68) Atrazine	11.19	200	174107	34.865	ng		96
69) Pentachlorophenol	11.31	266	156507	44.963	ng		98
70) Phenanthrene	11.52	178	781474	33.095	ng		98
71) Anthracene	11.58	178	787910	33.307	ng		98
72) Carbazole	11.73	167	702005	32.144	ng		99
73) Di-n-butylphthalate	12.05	149	877282	36.092	ng		99
74) Fluoranthene	12.72	202	727182	28.877	ng		96
76) Benzidine	12.84	184	464015	40.771	ng		98
77) Pyrene	12.95	202	708910	33.113	ng		100
79) Butylbenzylphthalate	13.55	149	297580	37.133	ng	#	97
80) Benzo(a)anthracene	14.14	228	663646	32.612	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	215724	31.419	ng	#	98
82) Chrysene	14.18	228	623305	33.548	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	389731	33.918	ng		99
84) Di-n-octyl phthalate	14.74	149	614744	37.111	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	582237	39.266	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	688269	31.967	ng		96
88) Benzo(k)fluoranthene	15.26	252	635865	29.820	ng	#	96
89) Benzo(a)pyrene	15.62	252	635751	32.828	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	496796	30.770	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	455611	29.037	ng	#	93

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

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