Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107315.D
Acq On : 11 Jul 2018 22:00
Operator : JU/SJ
Sample : J3933-12MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Manual Integrations APPROVED
Sohil
7/12/2018 2:19:50 PM

Quant Time: Jul 12 03:47:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72805	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	269405	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	122934	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	220577	20.00	ng		0.00
75) Chrysene-d12	14.15	240	157049	20.00	ng		0.00
86) Perylene-d12	15.69	264	128127	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	458573	106.66	ng		0.02
7) Phenol-d6	6.60	99	560762	104.44	ng		0.02
23) Nitrobenzene-d5	7.51	82	361854	74.64	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	148311	104.09	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	605648	83.05	ng		0.00
78) Terphenyl-d14	13.07	244	634704	97.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	59848	27.075	ng		97
3) Pyridine	3.60	79	179541	29.949	ng		97
4) n-Nitrosodimethylamine	3.56	42	75495	29.650	ng		85
6) Aniline	6.61	93	72973	10.019	ng	#	1
8) 2-Chlorophenol	6.74	128	163056	34.576	ng		96
9) Benzaldehyde	6.49	77	108298	27.150	ng		98
10) Phenol	6.61	94	218872	35.719	ng		91
11) bis(2-Chloroethyl)ether	6.67	93	165429	32.702	ng		99
12) 1,3-Dichlorobenzene	6.88	146	188769	34.177	ng		97
13) 1,4-Dichlorobenzene	6.95	146	191040	34.212	ng		97
14) 1,2-Dichlorobenzene	7.11	146	176613	34.511	ng		97
15) Benzyl Alcohol	7.08	79	130009	30.155	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	231872	34.935	ng	#	28
17) 2-Methylphenol	7.21	107	138295	34.268	ng	#	89
18) Hexachloroethane	7.44	117	49897	25.410	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	118588	33.506	ng		93
20) 3+4-Methylphenols	7.36	107	190431	43.232	ng		93
22) Acetophenone	7.35	105	235808	39.124	ng	#	95
24) Nitrobenzene	7.52	77	175096	35.378	ng		98
25) Isophorone	7.76	82	321215	37.602	ng		99
26) 2-Nitrophenol	7.84	139	62787	26.873	ng		99
27) 2,4-Dimethylphenol	7.88	122	145659	40.334	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	208493	36.351	ng		99
29) 2,4-Dichlorophenol	8.10	162	146180	38.664	ng		94
30) 1,2,4-Trichlorobenzene	8.16	180	159892	38.390	ng		97
31) Naphthalene	8.24	128	459934	36.516	ng		100
32) Benzoic acid	7.99	122	7580	8.272	ng		95
33) 4-Chloroaniline	8.30	127	43996	8.325	ng		98
34) Hexachlorobutadiene	8.34	225	106367	39.194	ng		98
35) Caprolactam	8.68	113	42930m	34.834	ng		
36) 4-Chloro-3-methylphenol	8.80	107	140312	35.258	ng		94
37) 2-Methylnaphthalene	8.94	142	324245	38.838	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	165987	40.093	ng	#	95
42) 2,4,6-Trichlorophenol	9.23	196	93044	33.810	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	87022	30.305	ng	#	87
45) 1,1'-Biphenyl	9.40	154	379469	38.732	ng		98
46) 2-Chloronaphthalene	9.43	162	267581	34.697	ng		97
47) 2-Nitroaniline	9.54	65	93945	36.227	ng		94
48) Acenaphthylene	9.85	152	474520	38.974	ng		98
49) Dimethylphthalate	9.70	163	450770	48.889	ng		99
50) 2,6-Dinitrotoluene	9.78	165	60373	30.922	ng	#	83
51) Acenaphthene	10.02	154	252798	32.972	ng		98
52) 3-Nitroaniline	9.95	138	71992	32.043	ng		95
53) 2,4-Dinitrophenol	10.09	184	414	5.733	ng	#	28
54) Dibenzofuran	10.20	168	368517	35.102	ng		95
55) 4-Nitrophenol	10.14	139	55386	35.318	ng		95
56) 2,4-Dinitrotoluene	10.19	165	64956	25.489	ng		93
57) Fluorene	10.54	166	298554	35.837	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	72131	31.600	ng	#	77
59) Diethylphthalate	10.40	149	309444	34.773	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	157617	36.159	ng	#	83
61) 4-Nitroaniline	10.57	138	72756	32.630	ng		95
62) Azobenzene	10.68	77	264600	30.194	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	3240	2.376	ng		81
65) n-Nitrosodiphenylamine	10.65	169	252584	34.045	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	101491	38.554	ng	#	82
67) Hexachlorobenzene	11.10	284	101872	36.974	ng	#	80
68) Atrazine	11.17	200	78245	33.175	ng		96
69) Pentachlorophenol	11.30	266	42517	30.927	ng		98
70) Phenanthrene	11.51	178	569958	53.573	ng		99
71) Anthracene	11.57	178	469769	43.260	ng		100
72) Carbazole	11.72	167	381647	37.538	ng		98
73) Di-n-butylphthalate	12.02	149	435190	36.334	ng		100
74) Fluoranthene	12.71	202	986253	84.107	ng		96
76) Benzidine	12.82	184	83116	18.583	ng		98
77) Pyrene	12.95	202	947783	91.518	ng		98
79) Butylbenzylphthalate	13.54	149	171789	40.345	ng	#	95
80) Benzo(a)anthracene	14.14	228	656096	68.545	ng		96
81) 3,3'-Dichlorobenzidine	14.09	252	75307	22.386	ng	#	96
82) Chrysene	14.18	228	586676m	66.623	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	265843	48.835	ng		96
84) Di-n-octyl phthalate	14.71	149	374997	42.261	ng		96
85) Indeno(1,2,3-cd)pyrene	17.31	276	420319	56.246	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	661779m	83.147	ng		
88) Benzo(k)fluoranthene	15.27	252	316710	41.785	ng	#	95
89) Benzo(a)pyrene	15.63	252	483060m	68.272	ng		
90) Dibenzo(a,h)anthracene	17.31	278	257900m	43.009	ng		
91) Benzo(g,h,i)perylene	17.79	276	377582	64.422	ng	#	89

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

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