Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110255.D
Acq On : 29 Oct 2018 11:58
Operator : JU/SJ
Sample : J5624-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SED-01MS

Manual Integrations APPROVED
Sohil
10/30/2018 2:24:08 PM

Quant Time: Oct 29 12:49:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 12:32:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118217	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	448469	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	188331	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	285522	20.00	ng		0.00
76) Chrysene-d12	14.16	240	218192	20.00	ng		0.00
87) Perylene-d12	15.69	264	194610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	960718	132.34	ng		0.01
7) Phenol-d6	6.60	99	1229842	132.45	ng		0.01
23) Nitrobenzene-d5	7.54	82	769024	101.71	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	242930	130.22	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1280139	106.73	ng		0.00
79) Terphenyl-d14	13.09	244	919561	87.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	84894	22.320	ng		90
3) Pyridine	3.64	79	246785	29.132	ng		87
4) n-Nitrosodimethylamine	3.59	42	143958	40.561	ng		93
6) Aniline	6.64	93	301803	24.951	ng	#	53
8) 2-Chlorophenol	6.76	128	313081	37.407	ng		96
9) Benzaldehyde	6.52	77	143407	23.654	ng		96
10) Phenol	6.62	94	536664	54.070	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	287764	35.240	ng		94
12) 1,3-Dichlorobenzene	6.91	146	316654	34.379	ng		99
13) 1,4-Dichlorobenzene	6.99	146	326582	35.059	ng		99
14) 1,2-Dichlorobenzene	7.15	146	303145	35.055	ng		99
15) Benzyl Alcohol	7.11	79	273889	38.351	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	461092	35.316	ng		69
17) 2-Methylphenol	7.22	107	255808	38.351	ng	#	82
18) Hexachloroethane	7.48	117	114663	33.621	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	211440	35.494	ng		96
20) 3+4-Methylphenols	7.37	107	319553	37.062	ng		99
22) Acetophenone	7.38	105	424686	41.097	ng	#	97
24) Nitrobenzene	7.56	77	313451	40.154	ng		93
25) Isophorone	7.79	82	570334	44.251	ng		95
26) 2-Nitrophenol	7.87	139	157661	42.442	ng		95
27) 2,4-Dimethylphenol	7.90	122	276152	44.839	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	363552	41.522	ng		100
29) 2,4-Dichlorophenol	8.11	162	257580	41.397	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	271979	39.024	ng		96
31) Naphthalene	8.28	128	871187	42.149	ng		99
32) Benzoic acid	7.96	122	20174	4.238	ng		89
33) 4-Chloroaniline	8.32	127	187080	20.111	ng		99
34) Hexachlorobutadiene	8.39	225	148953	38.491	ng		98
35) Caprolactam	8.69	113	76695m	35.365	ng		
36) 4-Chloro-3-methylphenol	8.80	107	265491	39.458	ng		96
37) 2-Methylnaphthalene	8.97	142	588118	43.005	ng		98
38) 1-Methylnaphthalene	9.07	142	552536	41.809	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	247863	42.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86116	28.700	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	163322	43.152	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	172704	43.169	ng		96
46) 1,1'-Biphenyl	9.43	154	696039	40.870	ng		99
47) 2-Chloronaphthalene	9.46	162	518912	41.538	ng		98
48) 2-Nitroaniline	9.56	65	162101	42.820	ng		93
49) Acenaphthylene	9.88	152	775057	42.955	ng		99
50) Dimethylphthalate	9.73	163	804866	57.895	ng		99
51) 2,6-Dinitrotoluene	9.80	165	129752	43.329	ng		86
52) Acenaphthene	10.05	154	482351	40.409	ng		98
53) 3-Nitroaniline	9.97	138	109008	30.611	ng		87
54) 2,4-Dinitrophenol	10.07	184	18653	19.855	ng		90
55) Dibenzofuran	10.22	168	672787	40.257	ng		98
56) 4-Nitrophenol	10.13	139	252833	95.928	ng		96
57) 2,4-Dinitrotoluene	10.20	165	162527	42.729	ng	#	85
58) Fluorene	10.57	166	521901	41.960	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	128043	39.266	ng		93
60) Diethylphthalate	10.43	149	575674	42.420	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	249314	37.996	ng		98
62) 4-Nitroaniline	10.58	138	116024	32.758	ng		98
63) Azobenzene	10.72	77	521909	38.745	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	26693	20.463	ng		88
66) n-Nitrosodiphenylamine	10.67	169	455606	48.649	ng		99
67) 4-Bromophenyl-phenylether	11.04	248	141217	45.597	ng		93
68) Hexachlorobenzene	11.12	284	137228	41.760	ng	#	93
69) Atrazine	11.20	200	139425	47.110	ng		99
70) Pentachlorophenol	11.31	266	127653	66.619	ng		99
71) Phenanthrene	11.53	178	679048	45.452	ng		100
72) Anthracene	11.59	178	685256	45.761	ng		99
73) Carbazole	11.74	167	578453	39.563	ng		99
74) Di-n-butylphthalate	12.06	149	758330	45.922	ng		98
75) Fluoranthene	12.73	202	654394	43.160	ng		98
77) Benzidine	12.84	184	122822	14.992	ng		96
78) Pyrene	12.96	202	637038	40.725	ng		99
80) Butylbenzylphthalate	13.56	149	279515	41.169	ng		97
81) Benzo(a)anthracene	14.15	228	574888	44.430	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	159206	35.335	ng		98
83) Chrysene	14.19	228	532506	43.329	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	383918	41.830	ng		97
85) Di-n-octyl phthalate	14.73	149	674113	47.236	ng		99
86) Indeno(1,2,3-cd)pyrene	17.27	276	437308	42.892	ng		96
88) Benzo(b)fluoranthene	15.23	252	545392	48.531	ng		99
89) Benzo(k)fluoranthene	15.26	252	451189	40.839	ng		98
90) Benzo(a)pyrene	15.63	252	463185	44.792	ng		97
91) Dibenzo(a,h)anthracene	17.28	278	367801	41.221	ng		99
92) Benzo(g,h,i)perylene	17.74	276	346005	39.353	ng		96

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

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