Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106788.D
Acq On : 25 Jun 2018 22:48
Operator : JU/SJ
Sample : J3241-17MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMSD

Manual Integrations APPROVED
Sohil
6/27/2018 10:55:46 AM

Quant Time: Jun 26 04:30:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	50708	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	181768	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	82036	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	144912	20.00	ng		0.00
75) Chrysene-d12	14.15	240	113195	20.00	ng		-0.01
86) Perylene-d12	15.70	264	84852	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	301827	100.79	ng		0.00
7) Phenol-d6	6.61	99	373601	99.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	233404	71.36	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	102401	107.70	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	417905	86.48	ng		0.00
78) Terphenyl-d14	13.08	244	439276	94.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	36889	23.961	ng		97
3) Pyridine	3.61	79	107676	25.788	ng		98
4) n-Nitrosodimethylamine	3.57	42	47186	26.608	ng		80
6) Aniline	6.63	93	98618	19.441	ng	#	70
8) 2-Chlorophenol	6.75	128	109888	33.456	ng		98
9) Benzaldehyde	6.52	77	78249	28.416	ng		94
10) Phenol	6.62	94	140737	32.976	ng		84
11) bis(2-Chloroethyl)ether	6.70	93	116183	32.975	ng		99
12) 1,3-Dichlorobenzene	6.90	146	128889	33.505	ng		98
13) 1,4-Dichlorobenzene	6.98	146	128268	32.980	ng		99
14) 1,2-Dichlorobenzene	7.13	146	119645	33.567	ng		98
15) Benzyl Alcohol	7.11	79	96839	32.249	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	151579	32.790	ng		62
17) 2-Methylphenol	7.22	107	91627	32.598	ng	#	88
18) Hexachloroethane	7.47	117	37879	27.696	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	73786	29.933	ng		92
20) 3+4-Methylphenols	7.37	107	114556	35.626	ng	#	62
22) Acetophenone	7.37	105	152578	37.520	ng	#	97
24) Nitrobenzene	7.55	77	114346	34.242	ng		99
25) Isophorone	7.78	82	207375	35.980	ng		99
26) 2-Nitrophenol	7.86	139	57180	36.273	ng		99
27) 2,4-Dimethylphenol	7.90	122	96579	39.638	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	135680	35.061	ng		99
29) 2,4-Dichlorophenol	8.11	162	94310	36.971	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	107077	38.104	ng		96
31) Naphthalene	8.27	128	306908	36.115	ng		98
32) Benzoic acid	7.98	122	8744m	10.076	ng		
33) 4-Chloroaniline	8.32	127	67954	19.057	ng		99
34) Hexachlorobutadiene	8.37	225	69711	38.071	ng		99
35) Caprolactam	8.68	113	30989	37.268	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	89292	33.256	ng		96
37) 2-Methylnaphthalene	8.96	142	220333	39.116	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	110397	39.960	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	64755	35.261	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	64889m	33.862	ng		
45) 1,1'-Biphenyl	9.42	154	252769	38.662	ng		98
46) 2-Chloronaphthalene	9.45	162	180089	34.994	ng		97
47) 2-Nitroaniline	9.55	65	57491	33.222	ng		97
48) Acenaphthylene	9.87	152	283980	34.952	ng		99
49) Dimethylphthalate	9.72	163	277238	45.059	ng		99
50) 2,6-Dinitrotoluene	9.79	165	45550	34.961	ng	#	81
51) Acenaphthene	10.04	154	170647	33.353	ng		98
52) 3-Nitroaniline	9.96	138	43849	29.247	ng		96
53) 2,4-Dinitrophenol	10.07	184	6244	13.954	ng	#	19
54) Dibenzofuran	10.21	168	256986	36.682	ng		94
55) 4-Nitrophenol	10.14	139	57347	54.798	ng		99
56) 2,4-Dinitrotoluene	10.20	165	56461	33.200	ng	#	82
57) Fluorene	10.55	166	200341	36.037	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	55472	36.417	ng	#	78
59) Diethylphthalate	10.41	149	193696	32.617	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	103433	35.559	ng	#	83
61) 4-Nitroaniline	10.58	138	45027	30.261	ng		93
62) Azobenzene	10.70	77	174477	29.836	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	7894	8.813	ng	#	80
65) n-Nitrosodiphenylamine	10.66	169	171014	35.086	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	66620	38.521	ng	#	83
67) Hexachlorobenzene	11.10	284	67684	37.392	ng	#	87
68) Atrazine	11.18	200	58400	37.689	ng		94
69) Pentachlorophenol	11.30	266	46290	51.253	ng		97
70) Phenanthrene	11.52	178	359050	51.371	ng		98
71) Anthracene	11.57	178	302851	42.451	ng		99
72) Carbazole	11.73	167	247861	37.109	ng		98
73) Di-n-butylphthalate	12.04	149	277699	35.291	ng		98
74) Fluoranthene	12.72	202	481044	62.443	ng		95
76) Benzidine	12.84	184	85331	26.469	ng		97
77) Pyrene	12.95	202	471393	63.152	ng		100
79) Butylbenzylphthalate	13.55	149	112908	36.790	ng	#	94
80) Benzo(a)anthracene	14.15	228	343451	49.783	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	68328	28.180	ng	#	97
82) Chrysene	14.18	228	316970	49.941	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	150039	38.240	ng	#	95
84) Di-n-octyl phthalate	14.74	149	246114	38.481	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.30	276	223736	41.539	ng	#	87
87) Benzo(b)fluoranthene	15.25	252	285727	54.208	ng	#	94
88) Benzo(k)fluoranthene	15.28	252	206694	41.178	ng	#	96
89) Benzo(a)pyrene	15.64	252	238355	50.868	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	157417	39.640	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	197155	50.794	ng	#	89

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

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