Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088417.D
Acq On : 26 Jun 2016 14:37
Operator : UM/SJ
Sample : H3624-17MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

Manual Integrations APPROVED
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6/27/2016 8:01:50 PM

Quant Time: Jun 27 17:21:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	79116m	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	325462	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	147012	20.00	ng		-0.07
63) Phenanthrene-d10	11.06	188	270319	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	181775	20.00	ng		-0.06
86) Perylene-d12	15.03	264	175748	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	517039	111.72	ng		-0.03
7) Phenol-d6	6.23	99	630998	112.50	ng		-0.03
23) Nitrobenzene-d5	7.13	82	387149	69.46	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	151300	97.47	ng		-0.06
44) 2-Fluorobiphenyl	8.91	172	608150	63.59	ng		-0.06
78) Terphenyl-d14	12.64	244	538199	67.37	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	66545	29.59	ng	#	45
3) Pyridine	2.65	79	157874	29.73	ng		91
4) n-Nitrosodimethylamine	2.62	42	70487	31.35	ng	#	76
6) Aniline	6.22	93	99354m	12.45	ng		
8) 2-Chlorophenol	6.34	128	215801	39.40	ng		84
10) Phenol	6.24	94	261811	45.22	ng		97
11) bis(2-Chloroethyl)ether	6.30	93	215929	43.91	ng		88
12) 1,3-Dichlorobenzene	6.49	146	207336m	35.28	ng		
13) 1,4-Dichlorobenzene	6.57	146	213829m	36.12	ng		
14) 1,2-Dichlorobenzene	6.72	146	204413	37.96	ng		96
15) Benzyl Alcohol	6.72	79	142489	32.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	196260	29.54	ng	#	1
17) 2-Methylphenol	6.84	107	168820m	38.00	ng		
18) Hexachloroethane	7.05	117	72501m	34.51	ng		
19) n-Nitroso-di-n-propylamine	6.98	70	130638	36.41	ng		88
20) 3+4-Methylphenols	7.00	107	207238	39.98	ng	#	78
22) Acetophenone	6.97	105	290216	39.90	ng	#	96
24) Nitrobenzene	7.14	77	187063	34.65	ng		89
25) Isophorone	7.39	82	367414	35.59	ng		94
26) 2-Nitrophenol	7.46	139	116993	40.45	ng	#	89
27) 2,4-Dimethylphenol	7.52	122	178363	33.50	ng		93
28) bis(2-Chloroethoxy)methane	7.61	93	237491	37.09	ng		99
29) 2,4-Dichlorophenol	7.71	162	184734	41.55	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	173350	35.81	ng		100
31) Naphthalene	7.86	128	596815	37.06	ng		98
32) Benzoic acid	7.66	122	7992m	2.73	ng		
33) 4-Chloroaniline	7.93	127	83171	11.56	ng		96
34) Hexachlorobutadiene	7.98	225	89222	34.95	ng		97
35) Caprolactam	8.31	113	53912m	36.61	ng		
36) 4-Chloro-3-methylphenol	8.43	107	191159	40.20	ng		98
37) 2-Methylnaphthalene	8.55	142	370524m	34.90	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	159942	40.38	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	38677	16.31	ng		95
42) 2,4,6-Trichlorophenol	8.84	196	103544	35.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	110528	36.14	ng	#	88
45) 1,1'-Biphenyl	9.02	154	463859	41.56	ng		96
46) 2-Chloronaphthalene	9.04	162	365378	38.41	ng		94
47) 2-Nitroaniline	9.15	65	107417	38.28	ng	#	59
48) Acenaphthylene	9.44	152	554926	36.67	ng		100
49) Dimethylphthalate	9.32	163	546210	51.29	ng		100
50) 2,6-Dinitrotoluene	9.39	165	103106	42.28	ng	#	89
51) Acenaphthene	9.61	154	313756	33.24	ng		98
52) 3-Nitroaniline	9.56	138	60579	21.53	ng		82
53) 2,4-Dinitrophenol	9.69	184	16489	17.43	ng		87
54) Dibenzofuran	9.78	168	474544	36.50	ng	#	83
55) 4-Nitrophenol	9.76	139	75208m	34.43	ng		
56) 2,4-Dinitrotoluene	9.79	165	125062	39.90	ng	#	46
57) Fluorene	10.12	166	365193	41.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	96947	40.33	ng	#	59
59) Diethylphthalate	10.02	149	439160	40.74	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	155784	36.03	ng		98
61) 4-Nitroaniline	10.18	138	98031	36.72	ng		95
62) Azobenzene	10.28	77	354578m	33.26	ng		
64) 4,6-Dinitro-2-methylphenol	10.20	198	49340	30.08	ng		93
65) n-Nitrosodiphenylamine	10.25	169	354033	39.47	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	102197	35.24	ng	#	82
67) Hexachlorobenzene	10.67	284	107745	35.76	ng	#	84
68) Atrazine	10.79	200	114590	42.19	ng		96
69) Pentachlorophenol	10.88	266	89026	56.05	ng		98
70) Phenanthrene	11.08	178	633966	44.69	ng		99
71) Anthracene	11.13	178	579523	40.50	ng		99
72) Carbazole	11.30	167	565504	42.23	ng		97
73) Di-n-butylphthalate	11.63	149	659677	38.92	ng		98
74) Fluoranthene	12.26	202	797676	53.29	ng		99
76) Benzidine	12.40	184	85845	17.06	ng		99
77) Pyrene	12.49	202	840093	62.28	ng		99
79) Butylbenzylphthalate	13.11	149	244787	41.05	ng	#	82
80) Benzo(a)anthracene	13.67	228	510793	49.31	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	63688	22.86	ng	#	98
82) Chrysene	13.71	228	522426	53.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.67	149	322784	44.46	ng	#	97
84) Di-n-octyl phthalate	14.29	149	592621	50.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	402416	44.45	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	460718m	37.61	ng		
88) Benzo(k)fluoranthene	14.70	252	407065m	44.05	ng		
89) Benzo(a)pyrene	14.98	252	431561m	43.55	ng		
90) Dibenzo(a,h)anthracene	16.26	278	320300	34.80	ng		97
91) Benzo(g,h,i)perylene	16.62	276	340686	35.98	ng		98

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

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