Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088506.D
Acq On : 29 Jun 2016 21:32
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF062916

Manual Integrations
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sohil
6/30/2016 7:46:33 PM

Quant Time: Jun 30 02:20:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	132818	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	517085	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	223065	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	376984	20.00	ng		0.00
75) Chrysene-d12	13.95	240	210944	20.00	ng		-0.01
86) Perylene-d12	15.36	264	258427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	676126	78.83	ng		0.00
7) Phenol-d6	6.46	99	849429	77.45	ng		0.00
23) Nitrobenzene-d5	7.39	82	806382	81.91	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	128947	75.40	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1191505	85.85	ng		0.00
78) Terphenyl-d14	12.91	244	691704	63.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	163133	37.24	ng	#	29
3) Pyridine	3.10	79	474087	37.18	ng		98
4) n-Nitrosodimethylamine	3.05	42	191602	38.19	ng		100
6) Aniline	6.48	93	603115	37.66	ng		100
8) 2-Chlorophenol	6.60	128	363514	38.62	ng		97
9) Benzaldehyde	6.36	77	171614	39.00	ng		100
10) Phenol	6.47	94	507670	41.41	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	362341	36.48	ng		98
12) 1,3-Dichlorobenzene	6.76	146	395225	39.83	ng		99
13) 1,4-Dichlorobenzene	6.84	146	400124	39.56	ng		98
14) 1,2-Dichlorobenzene	6.99	146	350905	41.61	ng		100
15) Benzyl Alcohol	6.96	79	342725	37.78	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	513982	35.61	ng		100
17) 2-Methylphenol	7.07	107	294146	36.72	ng		99
18) Hexachloroethane	7.34	117	144422	37.08	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	291471	39.05	ng		99
20) 3+4-Methylphenols	7.23	107	360092	40.70	ng		97
22) Acetophenone	7.23	105	445048	35.75	ng		98
24) Nitrobenzene	7.40	77	396135	37.51	ng		99
25) Isophorone	7.64	82	709493	35.67	ng	#	92
26) 2-Nitrophenol	7.72	139	164407	47.84	ng		95
27) 2,4-Dimethylphenol	7.76	122	311292	34.86	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	449247	36.64	ng		99
29) 2,4-Dichlorophenol	7.96	162	291433	40.50	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	294865	37.26	ng		99
31) Naphthalene	8.12	128	973405	37.11	ng		99
32) Benzoic acid	7.86	122	117104	31.32	ng		96
33) 4-Chloroaniline	8.18	127	429542	36.69	ng		98
34) Hexachlorobutadiene	8.25	225	148107	39.86	ng		97
35) Caprolactam	8.54	113	75196	34.19	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	275170	34.42	ng	#	82
37) 2-Methylnaphthalene	8.82	142	661761	41.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	231033	38.48	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	147057	41.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	182748	41.04	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	189106	42.51	ng		96
45) 1,1'-Biphenyl	9.28	154	681200	38.50	ng		99
46) 2-Chloronaphthalene	9.30	162	551789	39.39	ng		100
47) 2-Nitroaniline	9.39	65	161654	38.17	ng		99
48) Acenaphthylene	9.71	152	897168	38.10	ng		99
49) Dimethylphthalate	9.59	163	677721	44.80	ng		99
50) 2,6-Dinitrotoluene	9.64	165	146403	43.67	ng	#	77
51) Acenaphthene	9.90	154	535887	38.66	ng		97
52) 3-Nitroaniline	9.80	138	142714	37.42	ng		97
53) 2,4-Dinitrophenol	9.91	184	28170	52.74	ng	#	80
54) Dibenzofuran	10.06	168	768666	37.57	ng	#	89
55) 4-Nitrophenol	9.95	139	97316	37.26	ng		93
56) 2,4-Dinitrotoluene	10.03	165	162243	38.69	ng	#	52
57) Fluorene	10.40	166	502631	37.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	123138	36.80	ng		94
59) Diethylphthalate	10.28	149	628700	39.41	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	247941	40.29	ng		97
61) 4-Nitroaniline	10.41	138	119796	37.08	ng		82
62) Azobenzene	10.56	77	839694	40.46	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	53112	46.27	ng	#	67
65) n-Nitrosodiphenylamine	10.51	169	499711	37.02	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	157940	38.73	ng		94
67) Hexachlorobenzene	10.95	284	162751	39.25	ng	#	91
68) Atrazine	11.04	200	133785	34.30	ng		99
69) Pentachlorophenol	11.14	266	76838	37.34	ng		98
70) Phenanthrene	11.36	178	820418	42.94	ng		99
71) Anthracene	11.40	178	770958	37.31	ng		99
72) Carbazole	11.56	167	717673	40.77	ng		98
73) Di-n-butylphthalate	11.91	149	901301	39.88	ng		99
74) Fluoranthene	12.54	202	659813	37.03	ng		98
76) Benzidine	12.66	184	235802	35.90	ng		100
77) Pyrene	12.77	202	695549	38.23	ng		99
79) Butylbenzylphthalate	13.39	149	294629	38.82	ng		95
80) Benzo(a)anthracene	13.94	228	552671	38.81	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	183912	39.04	ng	#	98
82) Chrysene	13.99	228	556963	42.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	396801	37.58	ng	#	95
84) Di-n-octyl phthalate	14.57	149	727684	40.30	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	707229	41.04	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	662358m	44.27	ng		
88) Benzo(k)fluoranthene	14.99	252	424918m	31.71	ng		
89) Benzo(a)pyrene	15.30	252	540318	37.69	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	582521	40.09	ng		99
91) Benzo(g,h,i)perylene	17.13	276	612376	40.22	ng		100

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

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