Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088363.D
Acq On : 25 Jun 2016 7:15
Operator : UM/SJ
Sample : H3731-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MSD

Manual Integrations APPROVED
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6/27/2016 8:13:42 PM

Quant Time: Jun 27 02:14:03 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	6.58	152	68380	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	267311	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	114525	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	180912	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	140199	20.00	ng		-0.03
86) Perylene-d12	15.07	264	111458	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	470095	117.53	ng		0.01
7) Phenol-d6	6.25	99	546486	112.73	ng		-0.01
23) Nitrobenzene-d5	7.16	82	382615	83.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	130983	108.32	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	706341	97.72	ng		-0.02
78) Terphenyl-d14	12.67	244	529791	85.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	59792	30.76	ng	#	87
3) Pyridine	2.84	79	27599	6.01	ng		95
4) n-Nitrosodimethylamine	2.73	42	26960	13.87	ng	#	80
6) Aniline	6.28	93	30545	4.43	ng	#	1
8) 2-Chlorophenol	6.38	128	99471	21.01	ng		91
9) Benzaldehyde	6.14	77	48736	12.40	ng		98
10) Phenol	6.27	94	106884	19.97	ng		92
11) bis(2-Chloroethyl)ether	6.33	93	99269	23.35	ng		86
12) 1,3-Dichlorobenzene	6.52	146	93543m	18.42	ng		
13) 1,4-Dichlorobenzene	6.60	146	102985	20.13	ng		97
14) 1,2-Dichlorobenzene	6.75	146	102528	22.03	ng		96
15) Benzyl Alcohol	6.75	79	71022	18.73	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	104771	18.24	ng	#	27
17) 2-Methylphenol	6.88	107	69377	18.07	ng	#	85
18) Hexachloroethane	7.08	117	32343	17.81	ng	#	83
19) n-Nitroso-di-n-propylamine	7.02	70	69199	22.31	ng	#	81
20) 3+4-Methylphenols	7.04	107	89812	20.05	ng	#	82
22) Acetophenone	7.00	105	143925	24.09	ng	#	97
24) Nitrobenzene	7.18	77	93671	21.12	ng		89
25) Isophorone	7.42	82	176470	20.81	ng		100
26) 2-Nitrophenol	7.50	139	51431	21.65	ng	#	87
27) 2,4-Dimethylphenol	7.55	122	88514	20.24	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	121859	23.17	ng	#	95
29) 2,4-Dichlorophenol	7.76	162	83267	22.80	ng		95
30) 1,2,4-Trichlorobenzene	7.82	180	84004	21.13	ng		98
31) Naphthalene	7.90	128	322428	24.37	ng		98
32) Benzoic acid	7.70	122	34914	14.50	ng		86
33) 4-Chloroaniline	7.98	127	38616	6.54	ng		99
34) Hexachlorobutadiene	8.01	225	45672	21.78	ng		97
35) Caprolactam	8.32	113	19508	16.13	ng		93
36) 4-Chloro-3-methylphenol	8.46	107	86593	22.17	ng		91
37) 2-Methylnaphthalene	8.58	142	197543	22.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	76209	21.54	ng	#	1
42) 2,4,6-Trichlorophenol	8.88	196	48327	21.10	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	55338	23.22	ng		95
45) 1,1'-Biphenyl	9.05	154	235007	24.51	ng		96
46) 2-Chloronaphthalene	9.07	162	175106	23.63	ng		93
47) 2-Nitroaniline	9.18	65	49194	22.50	ng		94
48) Acenaphthylene	9.47	152	266115	22.57	ng		99
49) Dimethylphthalate	9.36	163	213455	25.73	ng		98
50) 2,6-Dinitrotoluene	9.42	165	43106	22.69	ng	#	65
51) Acenaphthene	9.64	154	161767	22.00	ng		99
52) 3-Nitroaniline	9.60	138	25436	11.60	ng		87
53) 2,4-Dinitrophenol	9.72	184	15672	20.41	ng		88
54) Dibenzofuran	9.82	168	240729	23.77	ng	#	82
55) 4-Nitrophenol	9.82	139	159386	93.67	ng	#	18
56) 2,4-Dinitrotoluene	9.83	165	55997	22.93	ng	#	78
57) Fluorene	10.16	166	182476	24.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	43625	23.30	ng	#	62
59) Diethylphthalate	10.04	149	200640	23.89	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	85248	25.31	ng		95
61) 4-Nitroaniline	10.20	138	38340	18.44	ng		97
62) Azobenzene	10.32	77	191345	23.04	ng		91
64) 4,6-Dinitro-2-methylphenol	10.24	198	8373	9.24	ng		83
65) n-Nitrosodiphenylamine	10.28	169	162388	27.05	ng		100
66) 4-Bromophenyl-phenylether	10.64	248	49428	25.47	ng	#	78
67) Hexachlorobenzene	10.71	284	48290	23.95	ng	#	78
68) Atrazine	10.81	200	40057	22.04	ng		92
69) Pentachlorophenol	10.91	266	53790	50.60	ng		98
70) Phenanthrene	11.12	178	223403	23.53	ng		98
71) Anthracene	11.16	178	254771	26.61	ng		98
72) Carbazole	11.34	167	215550	24.05	ng		97
73) Di-n-butylphthalate	11.67	149	291883	25.73	ng	#	97
74) Fluoranthene	12.30	202	228910	22.85	ng		97
76) Benzidine	12.43	184	54622	14.07	ng		99
77) Pyrene	12.53	202	223457	21.48	ng		97
79) Butylbenzylphthalate	13.14	149	105880	23.02	ng	#	78
80) Benzo(a)anthracene	13.70	228	189913	23.77	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	51587	24.01	ng	#	99
82) Chrysene	13.75	228	196347	26.12	ng		97
83) Bis(2-ethylhexyl)phthalate	13.71	149	145911	26.06	ng	#	97
84) Di-n-octyl phthalate	14.32	149	265876	29.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	135829	19.45	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	166585m	21.44	ng		
88) Benzo(k)fluoranthene	14.73	252	168692m	28.79	ng		
89) Benzo(a)pyrene	15.02	252	150678	23.97	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	115896	19.85	ng		96
91) Benzo(g,h,i)perylene	16.70	276	109787	18.28	ng		97

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

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