Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084573.D
Acq On : 20 Jan 2016 19:13
Operator : SJ/UM
Sample : H1159-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Manual Integrations APPROVED
mohammad
1/21/2016 12:19:59 PM

Quant Time: Jan 21 04:36:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	226912	20.00	ng		-0.05
21) Naphthalene-d8	8.06	136	873168	20.00	ng		-0.06
38) Acenaphthene-d10	9.82	164	133263	20.00	ng		-0.05
63) Phenanthrene-d10	11.31	188	323789	20.00	ng		-0.05
75) Chrysene-d12	13.94	240	35488	20.00	ng		-0.06
86) Perylene-d12	15.35	264	851	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1678432	119.64	ng		-0.03
7) Phenol-d6	6.43	99	895734	50.84	ng		-0.05
23) Nitrobenzene-d5	7.34	82	1473655	93.93	ng		-0.06
41) 2,4,6-Tribromophenol	10.61	330	632081	469.81	ng		-0.06
44) 2-Fluorobiphenyl	9.15	172	2501913	350.00	ng		-0.05
78) Terphenyl-d14	12.90	244	811030	510.13	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	262732	39.53	ng	#	68
4) n-Nitrosodimethylamine	3.14	42	106434	11.19	ng		87
6) Aniline	6.52	93	662569	25.71	ng	#	49
8) 2-Chlorophenol	6.57	128	652762	41.01	ng		85
9) Benzaldehyde	6.33	77	84345	7.35	ng		94
10) Phenol	6.44	94	507461	25.33	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	662569	42.70	ng		83
12) 1,3-Dichlorobenzene	6.72	146	682562m	41.57	ng		
13) 1,4-Dichlorobenzene	6.80	146	713791	43.35	ng		96
14) 1,2-Dichlorobenzene	6.96	146	660787	41.91	ng		94
15) Benzyl Alcohol	6.93	79	58237	3.93	ng	#	66
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1165754	41.25	ng		91
17) 2-Methylphenol	7.05	107	312214	23.40	ng		91
18) Hexachloroethane	7.29	117	278059	42.23	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	114483	9.60	ng	#	57
20) 3+4-Methylphenols	7.21	107	414583	26.44	ng	#	89
22) Acetophenone	7.20	105	1023439	48.74	ng	#	97
24) Nitrobenzene	7.37	77	790779	49.70	ng		99
25) Isophorone	7.62	82	1035794	34.52	ng	#	93
26) 2-Nitrophenol	7.69	139	421515	58.20	ng		93
27) 2,4-Dimethylphenol	7.73	122	479144	32.69	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	48080	2.62	ng	#	88
29) 2,4-Dichlorophenol	7.93	162	588058	48.16	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	613836	48.69	ng		97
31) Naphthalene	8.09	128	2055937	51.90	ng		99
32) Benzoic acid	7.87	122	502898	52.63	ng		96
34) Hexachlorobutadiene	8.21	225	354344	48.90	ng		96
35) Caprolactam	8.59	113	99022	24.06	ng	#	60
36) 4-Chloro-3-methylphenol	8.64	107	537702	39.31	ng		98
37) 2-Methylnaphthalene	8.78	142	1408548	49.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	562013	146.70	ng		98
40) Hexachlorocyclopentadiene	8.93	237	598763	258.90	ng		97
42) 2,4,6-Trichlorophenol	9.07	196	466184	162.65	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	431595	157.07	ng	#	87

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Quant Time: Jan 21 04:36:14 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.25	154	1780243	168.09	ng		98
46) 2-Chloronaphthalene	9.28	162	1319003	158.55	ng		91
47) 2-Nitroaniline	9.37	65	14273	5.20	ng		98
48) Acenaphthylene	9.69	152	299743	24.39	ng		98
49) Dimethylphthalate	9.56	163	443256	46.53	ng	#	91
50) 2,6-Dinitrotoluene	9.62	165	380227	181.97	ng	#	78
51) Acenaphthene	9.86	154	588078	71.33	ng		96
53) 2,4-Dinitrophenol	9.89	184	385744	417.66	ng	#	78
54) Dibenzofuran	10.03	168	1422308	139.43	ng		91
55) 4-Nitrophenol	9.96	139	494114	262.91	ng	#	80
56) 2,4-Dinitrotoluene	10.02	165	430838	162.91	ng	#	81
57) Fluorene	10.37	166	854157	106.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	382904	163.22	ng		90
59) Diethylphthalate	10.26	149	351182	37.39	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	573254	190.05	ng	#	87
62) Azobenzene	10.52	77	43987	4.27	ng		90
64) 4,6-Dinitro-2-methylphenol	10.43	198	283177	Below Cal			70
66) 4-Bromophenyl-phenylether	10.85	248	344800	98.94	ng	#	73
67) Hexachlorobenzene	10.92	284	457484	116.63	ng	#	92
69) Pentachlorophenol	11.12	266	514335	252.89	ng		97
70) Phenanthrene	11.33	178	1378987	81.42	ng		96
71) Anthracene	11.38	178	690751	41.61	ng		98
73) Di-n-butylphthalate	11.88	149	329037	14.86	ng		100
74) Fluoranthene	12.51	202	442995	25.04	ng		98
77) Pyrene	12.74	202	286721	102.96	ng		98
79) Butylbenzylphthalate	13.37	149	7880	6.54	ng	#	75
80) Benzo(a)anthracene	13.93	228	159216	76.41	ng		98
82) Chrysene	13.96	228	245145	122.43	ng		97
83) Bis(2-ethylhexyl)phthalate	13.94	149	121979	80.12	ng		98
84) Di-n-octyl phthalate	14.55	149	109615	42.65	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.71	276	26015	16.39	ng		95
87) Benzo(b)fluoranthene	14.95	252	80455m	1445.28	ng		
88) Benzo(k)fluoranthene	14.98	252	35375m	777.00	ng		
89) Benzo(a)pyrene	15.29	252	27781	588.36	ng	#	90
90) Dibenzo(a,h)anthracene	16.72	278	34601	851.61	ng	#	92
91) Benzo(g,h,i)perylene	17.11	276	61805	1468.90	ng		98

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

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