Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089124.D
Acq On : 19 Jul 2016 18:10
Operator : UM/SJ
Sample : H4025-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-60-071116MS

Quant Time: Jul 20 03:42:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	54204	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	204890	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	87392	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	143098	20.00	ng		0.00
75) Chrysene-d12	13.75	240	89985	20.00	ng		-0.01
86) Perylene-d12	15.11	264	88674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	421303	116.49	ng		0.02
7) Phenol-d6	6.28	99	470709	100.72	ng		0.00
23) Nitrobenzene-d5	7.20	82	359595	91.97	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	81585	100.53	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	645706	116.71	ng		0.00
78) Terphenyl-d14	12.71	244	384832	95.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	41082	22.91	ng	#	87
4) n-Nitrosodimethylamine	2.79	42	55886	28.11	ng		100
8) 2-Chlorophenol	6.41	128	151232	38.91	ng		96
9) Benzaldehyde	6.17	77	52366	16.54	ng		94
10) Phenol	6.30	94	135270	25.36	ng		77
11) bis(2-Chloroethyl)ether	6.38	93	155117	39.00	ng	#	84
12) 1,3-Dichlorobenzene	6.56	146	143331m	33.51	ng		
13) 1,4-Dichlorobenzene	6.64	146	149933	35.31	ng		94
14) 1,2-Dichlorobenzene	6.80	146	157847	39.72	ng		95
15) Benzyl Alcohol	6.78	79	127224	36.99	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	174163	30.24	ng	#	33
17) 2-Methylphenol	6.90	107	118993	37.52	ng	#	92
18) Hexachloroethane	7.13	117	51409	31.30	ng	#	79
19) n-Nitroso-di-n-propylamine	7.06	70	121761	38.79	ng	#	84
20) 3+4-Methylphenols	7.06	107	153877	40.43	ng	#	78
22) Acetophenone	7.05	105	235537	47.36	ng		97
24) Nitrobenzene	7.21	77	163587	41.50	ng	#	79
25) Isophorone	7.46	82	312950	43.21	ng		97
26) 2-Nitrophenol	7.53	139	72012	44.55	ng	#	95
27) 2,4-Dimethylphenol	7.59	122	134081	39.82	ng		88
28) bis(2-Chloroethoxy)methane	7.68	93	205989	43.71	ng	#	97
29) 2,4-Dichlorophenol	7.78	162	127472	46.85	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	132332	44.32	ng		97
31) Naphthalene	7.93	128	437436	43.31	ng		99
32) Benzoic acid	7.72	122	59111	24.18	ng		89
33) 4-Chloroaniline	7.99	127	26865	5.98	ng		99
34) Hexachlorobutadiene	8.06	225	72985	45.65	ng		99
35) Caprolactam	8.41	113	21432	23.19	ng		90
36) 4-Chloro-3-methylphenol	8.49	107	139210	43.26	ng		93
37) 2-Methylnaphthalene	8.63	142	300353	46.18	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	111124	38.23	ng	#	1
40) Hexachlorocyclopentadiene	8.78	237	21675	15.19	ng		99
42) 2,4,6-Trichlorophenol	8.91	196	81143	42.34	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	88152	53.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.08	154	310602	42.92	ng		99
46) 2-Chloronaphthalene	9.11	162	244576	43.05	ng		98
47) 2-Nitroaniline	9.21	65	87448	43.37	ng		98
48) Acenaphthylene	9.52	152	374131	41.39	ng		99
49) Dimethylphthalate	9.39	163	314226	50.47	ng		99
50) 2,6-Dinitrotoluene	9.46	165	69190	50.14	ng		95
51) Acenaphthene	9.69	154	222475	40.15	ng		97
52) 3-Nitroaniline	9.62	138	50341	28.70	ng		89
53) 2,4-Dinitrophenol	9.74	184	9420	15.46	ng	#	86
54) Dibenzofuran	9.86	168	324146	44.69	ng	#	87
55) 4-Nitrophenol	9.80	139	73305	54.99	ng		94
56) 2,4-Dinitrotoluene	9.86	165	89421	49.56	ng	#	63
57) Fluorene	10.20	166	275696	49.33	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	59445	46.60	ng	#	48
59) Diethylphthalate	10.09	149	298095	47.71	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	127469	49.09	ng	#	88
61) 4-Nitroaniline	10.23	138	53522	31.71	ng	#	76
62) Azobenzene	10.35	77	316128	44.36	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	9253	12.09	ng		84
65) n-Nitrosodiphenylamine	10.32	169	222285	45.90	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	71206	49.38	ng	#	81
67) Hexachlorobenzene	10.75	284	69680	43.65	ng	#	79
68) Atrazine	10.86	200	78761	52.19	ng		94
69) Pentachlorophenol	10.95	266	58044	61.44	ng		97
70) Phenanthrene	11.15	178	321236	41.07	ng		98
71) Anthracene	11.21	178	370178	47.59	ng		98
72) Carbazole	11.37	167	293890	40.15	ng		97
73) Di-n-butylphthalate	11.70	149	415839	48.83	ng	#	99
74) Fluoranthene	12.33	202	286338	36.11	ng		97
77) Pyrene	12.56	202	318377	41.73	ng		98
79) Butylbenzylphthalate	13.19	149	146711	43.11	ng	#	76
80) Benzo(a)anthracene	13.75	228	265372	45.80	ng		97
81) 3,3'-Dichlorobenzidine	13.71	252	75731	34.76	ng	#	99
82) Chrysene	13.78	228	265945	46.39	ng		96
83) Bis(2-ethylhexyl)phthalate	13.76	149	215625	55.50	ng	#	98
84) Di-n-octyl phthalate	14.37	149	380799	57.69	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	196316	44.51	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	270282m	48.59	ng		
88) Benzo(k)fluoranthene	14.77	252	207596m	42.87	ng		
89) Benzo(a)pyrene	15.05	252	216184	45.90	ng		98
90) Dibenzo(a,h)anthracene	16.35	278	168025	42.72	ng		98
91) Benzo(g,h,i)perylene	16.72	276	153804	37.79	ng		94

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

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