Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094761.D
Acq On : 1 May 2017 20:54
Operator : SJ/MA
Sample : I2897-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWS-1MSD

Quant Time: May 02 04:10:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	51046	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	197230	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	83841	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	125658	20.00	ng		0.00
75) Chrysene-d12	14.47	240	95456	20.00	ng		0.00
86) Perylene-d12	16.09	264	84145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	768965	249.92	ng		0.04
7) Phenol-d6	5.41	99	906482	249.91	ng		0.01
23) Nitrobenzene-d5	6.42	82	612936	191.90	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	190239	290.09	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1108193	194.48	ng		0.00
78) Terphenyl-d14	13.19	244	715822	200.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	103860	58.04	ng	#	80
3) Pyridine	2.78	79	195922m	50.10	ng		
4) n-Nitrosodimethylamine	2.66	42	126165	77.97	ng		92
6) Aniline	5.41	93	195903	40.64	ng	#	78
8) 2-Chlorophenol	5.55	128	314060	89.70	ng		94
9) Benzaldehyde	5.27	77	48235	17.48	ng		96
10) Phenol	5.42	94	364078	81.71	ng		91
11) bis(2-Chloroethyl)ether	5.48	93	290011	89.09	ng		98
12) 1,3-Dichlorobenzene	5.70	146	348731	89.90	ng		98
13) 1,4-Dichlorobenzene	5.79	146	348840	89.39	ng		98
14) 1,2-Dichlorobenzene	5.96	146	318937	88.72	ng		97
15) Benzyl Alcohol	5.96	79	255678	95.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.10	45	390719	91.55	ng	#	30
17) 2-Methylphenol	6.10	107	255789	92.76	ng	#	86
18) Hexachloroethane	6.34	117	115820	86.57	ng	#	85
19) n-Nitroso-di-n-propylamine	6.26	70	230202	95.78	ng		96
20) 3+4-Methylphenols	6.28	107	410498	109.55	ng	#	60
22) Acetophenone	6.24	105	451838	94.22	ng	#	85
24) Nitrobenzene	6.44	77	301380	89.60	ng		94
25) Isophorone	6.73	82	573576	96.87	ng		95
26) 2-Nitrophenol	6.81	139	175868	97.32	ng		97
27) 2,4-Dimethylphenol	6.90	122	285109	97.13	ng		99
28) bis(2-Chloroethoxy)methane	6.98	93	378096	98.72	ng		98
29) 2,4-Dichlorophenol	7.12	162	270578	99.09	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	258321	91.50	ng		98
31) Naphthalene	7.28	128	922082	97.25	ng		99
32) Benzoic acid	7.22	122	610411	393.26	ng		95
33) 4-Chloroaniline	7.38	127	65562	16.62	ng		96
34) Hexachlorobutadiene	7.44	225	128419	91.24	ng		97
35) Caprolactam	7.92	113	62247	72.56	ng		88
36) 4-Chloro-3-methylphenol	8.00	107	257322	89.92	ng		92
37) 2-Methylnaphthalene	8.12	142	585141	90.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	231130	96.81	ng		99
40) Hexachlorocyclopentadiene	8.31	237	95600	98.98	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	169922	101.35	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	175655	102.02	ng		93
45) 1,1'-Biphenyl	8.70	154	709173	103.53	ng		98
46) 2-Chloronaphthalene	8.72	162	556296	102.13	ng		96
47) 2-Nitroaniline	8.87	65	155864	99.48	ng	#	81
48) Acenaphthylene	9.22	152	851787	100.32	ng		99
49) Dimethylphthalate	9.10	163	683376	109.37	ng		99
50) 2,6-Dinitrotoluene	9.17	165	144911	103.33	ng		91
51) Acenaphthene	9.44	154	500173	98.35	ng		99
52) 3-Nitroaniline	9.37	138	54918	33.85	ng		91
53) 2,4-Dinitrophenol	9.52	184	81769	105.47	ng	#	65
54) Dibenzofuran	9.65	168	739004	99.98	ng	#	88
55) 4-Nitrophenol	9.65	139	437731	381.86	ng	#	50
56) 2,4-Dinitrotoluene	9.67	165	179648	104.40	ng	#	82
57) Fluorene	10.07	166	566667	98.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	128688	104.28	ng		96
59) Diethylphthalate	9.96	149	629813	106.83	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	248950	103.93	ng		91
61) 4-Nitroaniline	10.13	138	119206	72.27	ng		97
62) Azobenzene	10.27	77	561936	98.17	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	61554	74.76	ng	#	67
65) n-Nitrosodiphenylamine	10.23	169	506836	115.98	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	145843	116.89	ng		98
67) Hexachlorobenzene	10.75	284	136873	108.85	ng	#	88
68) Atrazine	10.91	200	129005	98.67	ng		97
69) Pentachlorophenol	11.01	266	131618	263.61	ng		99
70) Phenanthrene	11.25	178	718065	101.48	ng		99
71) Anthracene	11.31	178	750932	102.59	ng		98
72) Carbazole	11.52	167	672330	97.86	ng		96
73) Di-n-butylphthalate	11.97	149	847108	111.99	ng		99
74) Fluoranthene	12.71	202	655180	89.34	ng		99
76) Benzidine	12.89	184	28709	7.43	ng	#	90
77) Pyrene	12.98	202	669836	100.44	ng		98
79) Butylbenzylphthalate	13.80	149	330405	113.05	ng	#	88
80) Benzo(a)anthracene	14.45	228	566815	102.16	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	142015	72.31	ng	#	97
82) Chrysene	14.50	228	494872	97.60	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	474768	120.98	ng	#	99
84) Di-n-octyl phthalate	15.27	149	751752	114.20	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	471915	97.81	ng		99
87) Benzo(b)fluoranthene	15.69	252	509652	99.01	ng		99
88) Benzo(k)fluoranthene	15.72	252	528825	108.56	ng	#	95
89) Benzo(a)pyrene	16.04	252	485481	101.38	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	397663	100.01	ng		99
91) Benzo(g,h,i)perylene	17.76	276	386814	95.55	ng		98

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

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