Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097180.D
Acq On : 29 Jul 2017 3:29
Operator : SJ/JU
Sample : I4456-15MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18D24MSD

Quant Time: Jul 29 04:50:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	91110	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	358551	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	128340	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	198975	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	167361	20.00	ng		-0.01
86) Perylene-d12	14.96	264	142637	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	636981	105.39	ng		0.00
7) Phenol-d6	6.16	99	750308	108.74	ng		-0.01
23) Nitrobenzene-d5	7.06	82	409888	67.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	96786	95.45	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	612610	81.01	ng		-0.02
78) Terphenyl-d14	12.57	244	454604	55.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	85113	33.746	ng	#	76
3) Pyridine	2.67	79	229902	29.768	ng	#	62
4) n-Nitrosodimethylamine	2.61	42	144428	33.756	ng		82
6) Aniline	6.15	93	256027	29.488	ng	#	83
8) 2-Chlorophenol	6.28	128	219829	34.016	ng		98
9) Benzaldehyde	6.03	77	162526	39.796	ng		96
10) Phenol	6.17	94	311496	38.061	ng		96
11) bis(2-Chloroethyl)ether	6.23	93	229597	35.470	ng		91
12) 1,3-Dichlorobenzene	6.43	146	232010	33.313	ng		99
13) 1,4-Dichlorobenzene	6.50	146	232890	33.743	ng		95
14) 1,2-Dichlorobenzene	6.66	146	209093	34.696	ng		97
15) Benzyl Alcohol	6.65	79	159321	36.471	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.78	45	428959	33.040	ng		80
17) 2-Methylphenol	6.77	107	159741	32.027	ng	#	89
18) Hexachloroethane	7.00	117	66045	26.156	ng	#	85
19) n-Nitroso-di-n-propylamine	6.92	70	145519	32.041	ng	#	81
20) 3+4-Methylphenols	6.93	107	218222	33.499	ng	#	63
22) Acetophenone	6.90	105	288755	33.535	ng	#	98
24) Nitrobenzene	7.07	77	203422	31.957	ng		96
25) Isophorone	7.32	82	369284	30.852	ng		96
26) 2-Nitrophenol	7.39	139	94634	27.479	ng	#	84
27) 2,4-Dimethylphenol	7.45	122	175349	30.866	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	256849	32.883	ng		98
29) 2,4-Dichlorophenol	7.65	162	175663	35.894	ng		96
30) 1,2,4-Trichlorobenzene	7.72	180	160167	34.335	ng		96
31) Naphthalene	7.79	128	573375	33.924	ng		100
32) Benzoic acid	7.55	122	9825	2.316	ng		91
33) 4-Chloroaniline	7.85	127	184906	26.887	ng		98
34) Hexachlorobutadiene	7.92	225	82226	33.249	ng		97
35) Caprolactam	8.21	113	51052	32.532	ng	#	49
36) 4-Chloro-3-methylphenol	8.35	107	158708	29.725	ng		86
37) 2-Methylnaphthalene	8.49	142	377047	35.234	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	126625	36.977	ng		99
40) Hexachlorocyclopentadiene	8.64	237	4230	9.833	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	87748	35.359	ng		98
43) 2,4,5-Trichlorophenol	8.82	196	88429	35.601	ng		94
45) 1,1'-Biphenyl	8.95	154	418481	38.176	ng		98
46) 2-Chloronaphthalene	8.97	162	307420	38.109	ng		93
47) 2-Nitroaniline	9.07	65	114541	39.125	ng		95
48) Acenaphthylene	9.37	152	439606	35.504	ng		100
49) Dimethylphthalate	9.25	163	484577	49.721	ng		98
50) 2,6-Dinitrotoluene	9.32	165	65099	31.494	ng	#	84
51) Acenaphthene	9.55	154	245774	33.698	ng		98
52) 3-Nitroaniline	9.48	138	88091	34.334	ng		96
53) 2,4-Dinitrophenol	9.62	184	1707	1.816	ng	#	72
54) Dibenzofuran	9.72	168	368380	37.920	ng		99
55) 4-Nitrophenol	9.67	139	90259	59.156	ng	#	63
56) 2,4-Dinitrotoluene	9.72	165	71297	30.004	ng	#	56
57) Fluorene	10.06	166	277207	37.966	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.85	232	60390	35.212	ng	#	96
59) Diethylphthalate	9.95	149	322730	36.095	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	120551	39.983	ng		97
61) 4-Nitroaniline	10.09	138	91893	37.694	ng		93
62) Azobenzene	10.22	77	280213	33.782	ng		92
64) 4,6-Dinitro-2-methylphenol	10.14	198	3758	3.039	ng		92
65) n-Nitrosodiphenylamine	10.17	169	244950	35.381	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	69029	34.763	ng		93
67) Hexachlorobenzene	10.61	284	69924	31.402	ng	#	85
68) Atrazine	10.71	200	64046	32.261	ng		96
69) Pentachlorophenol	10.81	266	57203	62.087	ng		96
70) Phenanthrene	11.02	178	404977	37.986	ng		99
71) Anthracene	11.06	178	390985	35.807	ng		98
72) Carbazole	11.23	167	384825	35.835	ng		97
73) Di-n-butylphthalate	11.57	149	464233	34.972	ng		98
74) Fluoranthene	12.20	202	473532	45.339	ng		98
76) Benzidine	12.33	184	301328	48.524	ng	#	92
77) Pyrene	12.42	202	518005	37.807	ng		99
79) Butylbenzylphthalate	13.05	149	203803	29.242	ng	#	78
80) Benzo(a)anthracene	13.61	228	395583	36.530	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	129289	31.660	ng	#	97
82) Chrysene	13.64	228	385349	36.443	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	277673	30.514	ng		100
84) Di-n-octyl phthalate	14.23	149	494948	29.639	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.19	276	229205	25.279	ng		99
87) Benzo(b)fluoranthene	14.61	252	355634	41.477	ng		98
88) Benzo(k)fluoranthene	14.63	252	246852	30.213	ng	#	96
89) Benzo(a)pyrene	14.92	252	287203	36.599	ng		99
90) Dibenzo(a,h)anthracene	16.20	278	176090	27.364	ng		97
91) Benzo(g,h,i)perylene	16.55	276	187968	27.854	ng		99

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

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