Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099831.D
Acq On : 25 Oct 2017 23:35
Operator : SJ/JU
Sample : I5775-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017MSD

Quant Time: Oct 26 02:39:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78092	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	319283	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	142248	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	254715	20.00	ng		0.00
75) Chrysene-d12	13.99	240	186661	20.00	ng		0.00
86) Perylene-d12	15.46	264	166054	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	569298	114.45	ng		0.02
7) Phenol-d6	6.45	99	621685	105.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	409015	82.47	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	155381	119.86	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	835032	90.57	ng		0.00
78) Terphenyl-d14	12.92	244	728283	85.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	72855	33.168	ng	#	78
3) Pyridine	3.40	79	127514	24.140	ng	#	88
4) n-Nitrosodimethylamine	3.32	42	71329	37.798	ng	#	64
6) Aniline	6.47	93	66406	8.684	ng	#	63
8) 2-Chlorophenol	6.59	128	218821	41.276	ng		92
9) Benzaldehyde	6.36	77	50002	14.187	ng		95
10) Phenol	6.46	94	227862	35.188	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	203680	40.732	ng		95
12) 1,3-Dichlorobenzene	6.73	146	236693	39.764	ng		97
13) 1,4-Dichlorobenzene	6.81	146	241394	39.958	ng		98
14) 1,2-Dichlorobenzene	6.96	146	223229	40.544	ng		97
15) Benzyl Alcohol	6.95	79	159699	42.577	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	257322	46.324	ng		57
17) 2-Methylphenol	7.06	107	170624	38.477	ng	#	92
18) Hexachloroethane	7.30	117	75301	37.361	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	139719	40.424	ng		91
20) 3+4-Methylphenols	7.22	107	221201	42.840	ng	#	76
22) Acetophenone	7.21	105	293398	40.359	ng	#	95
24) Nitrobenzene	7.39	77	208459	41.717	ng		89
25) Isophorone	7.62	82	391914	43.551	ng		96
26) 2-Nitrophenol	7.70	139	118844	41.524	ng	#	88
27) 2,4-Dimethylphenol	7.74	122	188280	44.649	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	261642	41.515	ng		98
29) 2,4-Dichlorophenol	7.95	162	192503	43.944	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	193519	41.345	ng		98
31) Naphthalene	8.10	128	636239	41.282	ng		99
32) Benzoic acid	7.89	122	115550	31.131	ng		92
33) 4-Chloroaniline	8.16	127	59857	9.405	ng		95
34) Hexachlorobutadiene	8.21	225	95798	39.791	ng		99
35) Caprolactam	8.54	113	48176	34.971	ng	#	80
36) 4-Chloro-3-methylphenol	8.66	107	185811	41.557	ng		89
37) 2-Methylnaphthalene	8.79	142	442474	42.841	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	182561	39.737	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	9814	21.919	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	123796	44.547	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	126781	42.991	ng	#	94
45) 1,1'-Biphenyl	9.26	154	517706	40.231	ng		99
46) 2-Chloronaphthalene	9.29	162	400384	42.842	ng		96
47) 2-Nitroaniline	9.40	65	107485	43.821	ng	#	78
48) Acenaphthylene	9.70	152	580955	40.361	ng		100
49) Dimethylphthalate	9.56	163	471767	41.880	ng		99
50) 2,6-Dinitrotoluene	9.64	165	101672	42.933	ng	#	77
51) Acenaphthene	9.87	154	351104	39.921	ng		98
52) 3-Nitroaniline	9.81	138	65984	23.647	ng	#	90
53) 2,4-Dinitrophenol	9.94	184	13567	19.226	ng		90
54) Dibenzofuran	10.05	168	522026	42.049	ng		99
55) 4-Nitrophenol	9.99	139	119344	81.857	ng		83
56) 2,4-Dinitrotoluene	10.05	165	120789	42.354	ng	#	93
57) Fluorene	10.39	166	423365	41.187	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	96915	46.872	ng		92
59) Diethylphthalate	10.27	149	453101	41.188	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	195815	40.477	ng		94
61) 4-Nitroaniline	10.43	138	97806	36.739	ng		82
62) Azobenzene	10.54	77	381974	41.422	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	14136	8.829	ng	#	79
65) n-Nitrosodiphenylamine	10.50	169	383161	40.750	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	114188	42.583	ng		96
67) Hexachlorobenzene	10.95	284	111340	40.585	ng		92
68) Atrazine	11.03	200	116442	41.227	ng		99
69) Pentachlorophenol	11.15	266	99896	85.218	ng		97
70) Phenanthrene	11.36	178	597515	41.567	ng		98
71) Anthracene	11.41	178	605323	41.485	ng		99
72) Carbazole	11.57	167	569169	41.481	ng		98
73) Di-n-butylphthalate	11.89	149	722699	41.294	ng		98
74) Fluoranthene	12.55	202	603766	40.416	ng		100
76) Benzidine	12.67	184	44085	5.397	ng		98
77) Pyrene	12.79	202	615035	43.332	ng		99
79) Butylbenzylphthalate	13.39	149	297264	42.531	ng		89
80) Benzo(a)anthracene	13.98	228	498456	42.124	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	147291	34.291	ng		99
82) Chrysene	14.02	228	473477	42.561	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	415790	42.362	ng		98
84) Di-n-octyl phthalate	14.56	149	705959	41.906	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	367307	35.966	ng		97
87) Benzo(b)fluoranthene	15.03	252	464745	44.323	ng		99
88) Benzo(k)fluoranthene	15.06	252	431519	43.643	ng		99
89) Benzo(a)pyrene	15.40	252	411202	43.657	ng	#	97
90) Dibenzo(a,h)anthracene	16.94	278	318971	38.112	ng		97
91) Benzo(g,h,i)perylene	17.39	276	288669	35.254	ng		97

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

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