Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097879.D
Acq On : 19 Aug 2017 15:25
Operator : SJ/JU
Sample : I4846-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Manual Integrations APPROVED
Sohil
8/21/2017 5:19:56 PM

Quant Time: Aug 21 04:23:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149472	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	624713	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	291235	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	518919	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	285159	20.00	ng		-0.03
86) Perylene-d12	15.33	264	270085	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1168972	118.96	ng		0.00
7) Phenol-d6	6.40	99	1647062	123.36	ng		0.00
23) Nitrobenzene-d5	7.33	82	1065733	92.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	323807	128.14	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1567016	79.05	ng		-0.02
78) Terphenyl-d14	12.87	244	1158885	84.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	129900	23.703	ng		90
3) Pyridine	3.23	79	315081	20.797	ng		87
4) n-Nitrosodimethylamine	3.18	42	157423	27.005	ng		81
6) Aniline	6.43	93	344148	18.348	ng		98
8) 2-Chlorophenol	6.55	128	312361	30.141	ng		96
9) Benzaldehyde	6.31	77	122765	14.516	ng		90
10) Phenol	6.42	94	455803	29.189	ng		98
11) bis(2-Chloroethyl)ether	6.50	93	356874	30.279	ng		95
12) 1,3-Dichlorobenzene	6.70	146	309656	27.779	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	315746	27.850	ng		94
14) 1,2-Dichlorobenzene	6.93	146	291816	27.915	ng		99
15) Benzyl Alcohol	6.90	79	326996	32.712	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	487391	30.735	ng		90
17) 2-Methylphenol	7.02	107	295480	32.354	ng		96
18) Hexachloroethane	7.27	117	130365	29.329	ng	#	81
19) n-Nitroso-di-n-propylamine	7.18	70	274743	30.059	ng		92
20) 3+4-Methylphenols	7.17	107	352596	31.610	ng		95
22) Acetophenone	7.17	105	479095	29.030	ng	#	92
24) Nitrobenzene	7.35	77	414425	32.367	ng		91
25) Isophorone	7.59	82	783223	32.755	ng		96
26) 2-Nitrophenol	7.66	139	165274	36.983	ng	#	78
27) 2,4-Dimethylphenol	7.70	122	297393	29.821	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	482727	30.707	ng		99
29) 2,4-Dichlorophenol	7.90	162	265328	32.051	ng		93
30) 1,2,4-Trichlorobenzene	7.99	180	267380	29.136	ng		99
31) Naphthalene	8.07	128	932647	28.757	ng		99
32) Benzoic acid	7.81	122	121151	20.853	ng		89
33) 4-Chloroaniline	8.12	127	192173	14.050	ng		99
34) Hexachlorobutadiene	8.19	225	155173	28.961	ng		97
35) Caprolactam	8.49	113	85604m	30.418	ng		
36) 4-Chloro-3-methylphenol	8.60	107	330579	31.081	ng	#	78
37) 2-Methylnaphthalene	8.76	142	632937	31.832	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	255849	28.625	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	224051	52.179	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	184193	30.695	ng		95
43) 2,4,5-Trichlorophenol	9.07	196	193116	32.440	ng		95
45) 1,1'-Biphenyl	9.22	154	759104	28.583	ng		95
46) 2-Chloronaphthalene	9.25	162	550888	28.074	ng	#	90
47) 2-Nitroaniline	9.34	65	221070	33.605	ng		92
48) Acenaphthylene	9.66	152	896999	29.109	ng		99
49) Dimethylphthalate	9.53	163	848811	39.872	ng		100
50) 2,6-Dinitrotoluene	9.59	165	145836	34.319	ng	#	54
51) Acenaphthene	9.83	154	545095	28.048	ng		99
52) 3-Nitroaniline	9.75	138	115849	21.131	ng		87
53) 2,4-Dinitrophenol	9.86	184	81257	45.245	ng	#	78
54) Dibenzofuran	10.00	168	805412	30.922	ng		99
55) 4-Nitrophenol	9.92	139	238167	54.457	ng	#	32
56) 2,4-Dinitrotoluene	9.99	165	189794	35.590	ng	#	49
57) Fluorene	10.34	166	571948	28.401	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	155247	33.683	ng		94
59) Diethylphthalate	10.23	149	725229	32.577	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	278783	29.799	ng		90
61) 4-Nitroaniline	10.36	138	146058	28.030	ng	#	64
62) Azobenzene	10.50	77	839547	31.748	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	67420	31.112	ng		92
65) n-Nitrosodiphenylamine	10.46	169	551505	31.210	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	174346	32.354	ng		97
67) Hexachlorobenzene	10.89	284	161172	29.344	ng	#	87
68) Atrazine	10.99	200	175317	37.411	ng		98
69) Pentachlorophenol	11.09	266	163443	51.038	ng		99
70) Phenanthrene	11.30	178	820009	29.655	ng		99
71) Anthracene	11.36	178	840653	29.974	ng		100
72) Carbazole	11.51	167	762785	28.652	ng		99
73) Di-n-butylphthalate	11.84	149	1125780	36.713	ng		99
74) Fluoranthene	12.49	202	777915	26.953	ng		99
76) Benzidine	12.61	184	218022	23.319	ng	#	91
77) Pyrene	12.72	202	758243	32.511	ng		99
79) Butylbenzylphthalate	13.34	149	388216	43.415	ng	#	68
80) Benzo(a)anthracene	13.90	228	488014	28.554	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	149795	25.974	ng	#	96
82) Chrysene	13.94	228	500847	29.459	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	480649	48.508	ng	#	100
84) Di-n-octyl phthalate	14.51	149	812806	47.144	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	499171	39.912	ng		94
87) Benzo(b)fluoranthene	14.93	252	495945	29.132	ng		97
88) Benzo(k)fluoranthene	14.95	252	449138	28.081	ng	#	93
89) Benzo(a)pyrene	15.27	252	471699	31.298	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	417782	34.050	ng		96
91) Benzo(g,h,i)perylene	17.14	276	411546	32.146	ng	#	92

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

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