Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102237.D
Acq On : 20 Jan 2018 00:38
Operator : SJ/JU
Sample : J1189-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3C-11MS

Manual Integrations APPROVED
Sohil
1/22/2018 5:24:38 PM

Quant Time: Jan 20 02:28:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139070	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	589398	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	264081	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	437269	20.00	ng		0.00
75) Chrysene-d12	13.88	240	263277	20.00	ng		0.00
86) Perylene-d12	15.30	264	263032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	887721	90.14	ng		0.00
7) Phenol-d6	6.37	99	1079479	91.87	ng		0.00
23) Nitrobenzene-d5	7.29	82	678161	67.61	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	242470	105.21	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1167266	69.05	ng		0.00
78) Terphenyl-d14	12.83	244	870721	68.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	121042	24.627	ng		97
3) Pyridine	3.13	79	333437	24.842	ng		98
4) n-Nitrosodimethylamine	3.09	42	169068	30.080	ng		98
6) Aniline	6.39	93	341407	20.617	ng	#	78
8) 2-Chlorophenol	6.51	128	343121	34.738	ng		96
9) Benzaldehyde	6.27	77	227348	27.865	ng		96
10) Phenol	6.38	94	424376	31.958	ng		77
11) bis(2-Chloroethyl)ether	6.46	93	317308	31.394	ng		98
12) 1,3-Dichlorobenzene	6.66	146	351437	30.865	ng		97
13) 1,4-Dichlorobenzene	6.74	146	354039	31.160	ng		99
14) 1,2-Dichlorobenzene	6.89	146	333730	31.734	ng		98
15) Benzyl Alcohol	6.87	79	277085	32.237	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	516543	27.723	ng		97
17) 2-Methylphenol	6.99	107	282320	31.684	ng		97
18) Hexachloroethane	7.23	117	118057	29.507	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	227105	29.493	ng		95
20) 3+4-Methylphenols	7.14	107	340497	31.826	ng	#	78
22) Acetophenone	7.13	105	459585	32.363	ng	#	92
24) Nitrobenzene	7.31	77	346666	32.165	ng		94
25) Isophorone	7.54	82	629869	31.782	ng		99
26) 2-Nitrophenol	7.62	139	189414	41.990	ng		97
27) 2,4-Dimethylphenol	7.66	122	288917	34.294	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	404276	33.785	ng		99
29) 2,4-Dichlorophenol	7.87	162	286509	35.816	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	273442	32.680	ng		97
31) Naphthalene	8.03	128	949834	32.251	ng		100
32) Benzoic acid	7.73	122	15492m	2.425	ng		
33) 4-Chloroaniline	8.08	127	250213	19.905	ng		96
34) Hexachlorobutadiene	8.14	225	143019	32.291	ng		97
35) Caprolactam	8.45	113	98736m	35.954	ng		
36) 4-Chloro-3-methylphenol	8.57	107	307695	35.139	ng		100
37) 2-Methylnaphthalene	8.72	142	646308	33.334	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	253211	33.892	ng		99
40) Hexachlorocyclopentadiene	8.86	237	92168	22.558	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	188408	36.596	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	199773	34.332	ng		99
45) 1,1'-Biphenyl	9.18	154	753806	32.294	ng		99
46) 2-Chloronaphthalene	9.20	162	582800	32.198	ng		98
47) 2-Nitroaniline	9.30	65	198044	36.526	ng		97
48) Acenaphthylene	9.62	152	901761	31.392	ng		99
49) Dimethylphthalate	9.49	163	971034	45.837	ng		100
50) 2,6-Dinitrotoluene	9.55	165	159076	37.592	ng		94
51) Acenaphthene	9.79	154	521308	29.900	ng		99
52) 3-Nitroaniline	9.72	138	133563	25.009	ng		93
53) 2,4-Dinitrophenol	9.82	184	21930	20.751	ng	#	18
54) Dibenzofuran	9.96	168	791613	33.082	ng		99
55) 4-Nitrophenol	9.89	139	258694	64.998	ng		95
56) 2,4-Dinitrotoluene	9.95	165	202770	38.230	ng		96
57) Fluorene	10.30	166	603313	36.472	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	151151	36.486	ng		99
59) Diethylphthalate	10.19	149	686472	32.576	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	262583	37.279	ng		99
61) 4-Nitroaniline	10.33	138	160486	31.664	ng		92
62) Azobenzene	10.46	77	632067	30.147	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	52665	25.222	ng		79
65) n-Nitrosodiphenylamine	10.42	169	559983	34.200	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	162667	35.226	ng		98
67) Hexachlorobenzene	10.85	284	168209	33.367	ng		95
68) Atrazine	10.95	200	174706	36.920	ng		98
69) Pentachlorophenol	11.05	266	160737	52.288	ng		99
70) Phenanthrene	11.27	178	816750	31.976	ng		99
71) Anthracene	11.32	178	844020	32.582	ng		100
72) Carbazole	11.47	167	799253	31.390	ng		100
73) Di-n-butylphthalate	11.80	149	1065144	34.098	ng		100
74) Fluoranthene	12.45	202	736386	29.303	ng		98
76) Benzidine	12.58	184	411618	32.377	ng		97
77) Pyrene	12.68	202	712808	30.629	ng		99
79) Butylbenzylphthalate	13.30	149	376989	35.298	ng		100
80) Benzo(a)anthracene	13.87	228	522775	31.122	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	192849	31.006	ng		96
82) Chrysene	13.90	228	525917	30.026	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	495775	40.466	ng	#	98
84) Di-n-octyl phthalate	14.47	149	790590	38.886	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	496074	38.913	ng		98
87) Benzo(b)fluoranthene	14.89	252	528848	30.836	ng		98
88) Benzo(k)fluoranthene	14.92	252	507160	30.654	ng		100
89) Benzo(a)pyrene	15.24	252	506152	32.796	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	419730	34.080	ng		99
91) Benzo(g,h,i)perylene	17.10	276	397216	32.017	ng		98

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

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