Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101872.D
Acq On : 3 Jan 2018 20:45
Operator : SJ/JU
Sample : J1004-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMPMS

Manual Integrations APPROVED
Sohil
1/4/2018 1:56:39 PM

Quant Time: Jan 04 04:19:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111402	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	385435	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	146635	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	273462	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	254383	20.00	ng		-0.02
86) Perylene-d12	15.42	264	208178	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	823630	110.13	ng		0.00
7) Phenol-d6	6.42	99	863690	92.79	ng		-0.01
23) Nitrobenzene-d5	7.35	82	519020	74.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	147568	104.44	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	742466	78.54	ng		-0.02
78) Terphenyl-d14	12.88	244	747083	70.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	120885	31.457	ng		93
3) Pyridine	3.31	79	257771	24.143	ng		99
4) n-Nitrosodimethylamine	3.26	42	131080	26.664	ng		100
6) Aniline	6.45	93	170709	13.198	ng	#	42
8) 2-Chlorophenol	6.56	128	247932	31.515	ng		95
9) Benzaldehyde	6.35	77	72515	10.549	ng		96
10) Phenol	6.44	94	333977	31.482	ng		89
11) bis(2-Chloroethyl)ether	6.51	93	260956	31.360	ng		96
12) 1,3-Dichlorobenzene	6.71	146	286366	32.252	ng		99
13) 1,4-Dichlorobenzene	6.79	146	294562	32.487	ng		99
14) 1,2-Dichlorobenzene	6.94	146	257254	31.520	ng		98
15) Benzyl Alcohol	6.93	79	191480	29.889	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	425515	33.412	ng		63
17) 2-Methylphenol	7.05	107	198879	27.482	ng	#	87
18) Hexachloroethane	7.27	117	77346	24.535	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	179482	29.363	ng		96
20) 3+4-Methylphenols	7.21	107	272244	35.501	ng		95
22) Acetophenone	7.19	105	355445	40.416	ng	#	99
24) Nitrobenzene	7.36	77	256834	33.515	ng		98
25) Isophorone	7.60	82	455455	32.790	ng		98
26) 2-Nitrophenol	7.68	139	98752	29.995	ng		98
27) 2,4-Dimethylphenol	7.72	122	203463	36.377	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	296981	33.659	ng		98
29) 2,4-Dichlorophenol	7.94	162	185205	33.517	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	190561	32.679	ng		94
31) Naphthalene	8.07	128	635748	32.763	ng		99
32) Benzoic acid	7.87	122	66364	22.650	ng		91
33) 4-Chloroaniline	8.15	127	93296	11.062	ng		97
34) Hexachlorobutadiene	8.18	225	111945	33.192	ng		98
35) Caprolactam	8.51	113	55156m	28.746	ng		
36) 4-Chloro-3-methylphenol	8.63	107	177040	29.150	ng		99
37) 2-Methylnaphthalene	8.76	142	388855	30.758	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	180122	36.383	ng		97
42) 2,4,6-Trichlorophenol	9.06	196	105428	35.373	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	96032	29.426	ng		97
45) 1,1'-Biphenyl	9.23	154	460700	35.427	ng		99
46) 2-Chloronaphthalene	9.26	162	332963	33.463	ng		98
47) 2-Nitroaniline	9.37	65	120338	35.009	ng		97
48) Acenaphthylene	9.67	152	491192	31.254	ng		100
49) Dimethylphthalate	9.53	163	438253	37.157	ng		99
50) 2,6-Dinitrotoluene	9.61	165	68072	28.396	ng		89
51) Acenaphthene	9.84	154	290331	30.748	ng		100
52) 3-Nitroaniline	9.79	138	93086	31.146	ng		98
53) 2,4-Dinitrophenol	9.99	184	1050	11.416	ng	#	1
54) Dibenzofuran	10.02	168	432795	36.067	ng		97
55) 4-Nitrophenol	9.99	139	35319m	27.101	ng		
56) 2,4-Dinitrotoluene	10.03	165	85528	31.667	ng	#	97
57) Fluorene	10.36	166	341123	33.605	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	83794m	35.738	ng		
59) Diethylphthalate	10.22	149	366305	31.361	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	160263	32.942	ng		89
61) 4-Nitroaniline	10.40	138	96289	32.052	ng		95
62) Azobenzene	10.50	77	350777	28.991	ng		98
65) n-Nitrosodiphenylamine	10.47	169	306911	30.395	ng		95
66) 4-Bromophenyl-phenylether	10.83	248	97145	31.616	ng	#	88
67) Hexachlorobenzene	10.92	284	101316	31.155	ng	#	82
68) Atrazine	10.99	200	89003	29.561	ng		96
69) Pentachlorophenol	11.12	266	68111	56.000	ng		96
70) Phenanthrene	11.33	178	493362	32.442	ng		99
71) Anthracene	11.38	178	518887	33.403	ng		99
72) Carbazole	11.54	167	489045	33.625	ng		100
73) Di-n-butylphthalate	11.85	149	561104	31.786	ng		99
74) Fluoranthene	12.52	202	569712	35.691	ng		98
76) Benzidine	12.64	184	428694	39.901	ng		98
77) Pyrene	12.75	202	591856	31.001	ng		99
79) Butylbenzylphthalate	13.34	149	267450	30.961	ng		98
80) Benzo(a)anthracene	13.94	228	520616	30.994	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	190671	34.813	ng		99
82) Chrysene	13.98	228	504680	31.821	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	345060	31.537	ng		97
84) Di-n-octyl phthalate	14.50	149	636447	32.616	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	355461	25.169	ng		97
87) Benzo(b)fluoranthene	14.99	252	405071	31.923	ng		99
88) Benzo(k)fluoranthene	15.02	252	428840	34.760	ng		96
89) Benzo(a)pyrene	15.36	252	380958	32.568	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	297461	29.618	ng		99
91) Benzo(g,h,i)perylene	17.34	276	292502	29.412	ng		96

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

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