Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112982.D
Acq On : 12 Mar 2019 4:21
Operator : JU/SJ
Sample : K1817-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Manual Integrations APPROVED
Sohil
3/12/2019 4:29:13 PM

Quant Time: Mar 12 07:43:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127072	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	490496	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	254621	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	561666	20.00	ng		0.00
76) Chrysene-d12	13.87	240	405522	20.00	ng		0.00
87) Perylene-d12	15.27	264	354827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	481931	59.00	ng		0.00
7) Phenol-d6	6.36	99	651122	63.45	ng		0.00
23) Nitrobenzene-d5	7.29	82	372634	45.46	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	224849	83.18	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	782262	44.87	ng		-0.01
79) Terphenyl-d14	12.82	244	926133	44.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	63102	15.410	ng		96
3) Pyridine	3.13	79	95808	8.745	ng		96
4) n-Nitrosodimethylamine	3.01	42	75437	15.741	ng		94
6) Aniline	6.39	93	159523	11.294	ng		93
8) 2-Chlorophenol	6.52	128	176666	19.428	ng		92
9) Benzaldehyde	6.27	77	86440	11.691	ng		96
10) Phenol	6.38	94	233134	19.469	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	164338	17.880	ng		96
12) 1,3-Dichlorobenzene	6.67	146	187635	19.974	ng		98
13) 1,4-Dichlorobenzene	6.75	146	191502	20.328	ng		98
14) 1,2-Dichlorobenzene	6.90	146	183333	21.229	ng		98
15) Benzyl Alcohol	6.87	79	146771	18.757	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	268407	17.499	ng		97
17) 2-Methylphenol	6.99	107	138348	18.754	ng		99
18) Hexachloroethane	7.25	117	58656	16.254	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	118875	18.291	ng		97
20) 3+4-Methylphenols	7.15	107	175469	21.068	ng	#	71
22) Acetophenone	7.13	105	235633	20.545	ng	#	91
24) Nitrobenzene	7.30	77	178747	19.592	ng		100
25) Isophorone	7.55	82	331260	18.758	ng		98
26) 2-Nitrophenol	7.63	139	82258	21.659	ng		99
27) 2,4-Dimethylphenol	7.67	122	144052	20.388	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	208693	18.902	ng		100
29) 2,4-Dichlorophenol	7.87	162	148158	21.623	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	160449	21.794	ng		98
31) Naphthalene	8.03	128	514084	21.111	ng		99
32) Benzoic acid	7.75	122	85933	17.353	ng		87
33) 4-Chloroaniline	8.08	127	142789	13.844	ng		98
34) Hexachlorobutadiene	8.16	225	91573	22.055	ng		98
35) Caprolactam	8.43	113	49102	20.347	ng		96
36) 4-Chloro-3-methylphenol	8.57	107	159245	21.001	ng		96
37) 2-Methylnaphthalene	8.73	142	352933	22.442	ng		98
38) 1-Methylnaphthalene	8.82	142	333892	21.918	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	162180	21.842	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	46845	11.521	ng		100
43) 2,4,6-Trichlorophenol	9.00	196	112368	21.989	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	123930	22.437	ng		96
46) 1,1'-Biphenyl	9.19	154	448390	21.590	ng		98
47) 2-Chloronaphthalene	9.21	162	341578	21.063	ng		97
48) 2-Nitroaniline	9.30	65	107768	21.863	ng		90
49) Acenaphthylene	9.62	152	568924	20.665	ng		98
50) Dimethylphthalate	9.49	163	448781	23.904	ng		99
51) 2,6-Dinitrotoluene	9.55	165	86283	22.069	ng	#	77
52) Acenaphthene	9.79	154	336024	20.872	ng		99
53) 3-Nitroaniline	9.71	138	93838	19.698	ng		97
54) 2,4-Dinitrophenol	9.82	184	15632	15.440	ng		98
55) Dibenzofuran	9.97	168	518433	22.156	ng		94
56) 4-Nitrophenol	9.87	139	157074	40.569	ng		93
57) 2,4-Dinitrotoluene	9.95	165	117859	24.252	ng	#	87
58) Fluorene	10.31	166	394028	23.726	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	114340	24.847	ng		92
60) Diethylphthalate	10.18	149	405298	20.440	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	190738	24.685	ng		91
62) 4-Nitroaniline	10.32	138	99127	22.518	ng		93
63) Azobenzene	10.46	77	395410	19.469	ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	12531	9.521	ng		81
66) n-Nitrosodiphenylamine	10.42	169	355344	19.727	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	123779	20.923	ng		97
68) Hexachlorobenzene	10.86	284	146888	22.026	ng		93
69) Atrazine	10.95	200	115721	20.976	ng		97
70) Pentachlorophenol	11.05	266	142080	36.197	ng		99
71) Phenanthrene	11.26	178	614161	21.977	ng		99
72) Anthracene	11.32	178	642831	21.975	ng		98
73) Carbazole	11.47	167	597427	20.936	ng		98
74) Di-n-butylphthalate	11.80	149	727312	21.256	ng		100
75) Fluoranthene	12.45	202	617825	20.636	ng		97
77) Benzidine	12.57	184	233253	11.087	ng		99
78) Pyrene	12.67	202	618109	18.081	ng		98
80) Butylbenzylphthalate	13.29	149	289572	19.190	ng		95
81) Benzo(a)anthracene	13.86	228	504794	17.961	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	199573	18.775	ng	#	98
83) Chrysene	13.89	228	514328	18.682	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	386050	21.811	ng		98
85) Di-n-octyl phthalate	14.46	149	690426	22.717	ng		96
86) Indeno(1,2,3-cd)pyrene	16.63	276	402278	17.140	ng		96
88) Benzo(b)fluoranthene	14.87	252	490990m	21.393	ng		
89) Benzo(k)fluoranthene	14.90	252	455864	21.928	ng		98
90) Benzo(a)pyrene	15.22	252	426769	21.022	ng	#	96
91) Dibenzo(a,h)anthracene	16.64	278	348817	20.136	ng		96
92) Benzo(g,h,i)perylene	17.03	276	319058	18.342	ng		97

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

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