Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112272.D
Acq On : 28 Jan 2019 14:08
Operator : JU/SJ
Sample : K1258-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Manual Integrations APPROVED
mohammad
1/29/2019 9:34:56 AM

Quant Time: Jan 29 00:49:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	248114	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	965348	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	475660	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	889609	20.00	ng		0.00
76) Chrysene-d12	14.01	240	645998	20.00	ng		0.00
87) Perylene-d12	15.47	264	558925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1816834	155.54	ng		0.01
7) Phenol-d6	6.50	99	2316439	142.71	ng		0.00
23) Nitrobenzene-d5	7.41	82	1523662	90.94	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	743635	134.31	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2906579	86.42	ng		0.00
79) Terphenyl-d14	12.95	244	2849902	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	213019	45.778	ng		96
3) Pyridine	3.44	79	515069	43.514	ng		99
4) n-Nitrosodimethylamine	3.39	42	298906	60.105	ng		97
6) Aniline	6.51	93	663967	34.387	ng	#	19
8) 2-Chlorophenol	6.64	128	706796	44.978	ng		98
9) Benzaldehyde	6.39	77	126667	14.930	ng		95
10) Phenol	6.51	94	862306	48.423	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	628523	44.831	ng		99
12) 1,3-Dichlorobenzene	6.79	146	763444	41.717	ng		99
13) 1,4-Dichlorobenzene	6.86	146	776652	41.236	ng		99
14) 1,2-Dichlorobenzene	7.02	146	725629	41.149	ng		96
15) Benzyl Alcohol	6.99	79	587905	42.967	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	799583	44.419	ng	#	50
17) 2-Methylphenol	7.11	107	564385	45.307	ng	#	91
18) Hexachloroethane	7.35	117	282373	42.694	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	475814	42.513	ng		97
20) 3+4-Methylphenols	7.26	107	704304	44.214	ng	#	76
22) Acetophenone	7.25	105	945229	40.212	ng		98
24) Nitrobenzene	7.43	77	717940	42.908	ng		98
25) Isophorone	7.67	82	1311837	49.912	ng		97
26) 2-Nitrophenol	7.75	139	400316	44.769	ng		99
27) 2,4-Dimethylphenol	7.79	122	632689	51.355	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	825670	46.136	ng		98
29) 2,4-Dichlorophenol	7.99	162	633446	45.946	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	683161	43.109	ng		99
31) Naphthalene	8.15	128	2035372	45.086	ng		99
32) Benzoic acid	7.92	122	202202	28.773	ng		92
33) 4-Chloroaniline	8.19	127	501640	25.520	ng		98
34) Hexachlorobutadiene	8.26	225	382045	41.082	ng		97
35) Caprolactam	8.58	113	195271m	40.149	ng		
36) 4-Chloro-3-methylphenol	8.70	107	639522	43.818	ng		99
37) 2-Methylnaphthalene	8.84	142	1469897	47.562	ng		98
38) 1-Methylnaphthalene	8.94	142	1372301	46.328	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	663002	42.452	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	538828	89.724	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	432521	44.929	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	453024	45.026	ng		98
46) 1,1'-Biphenyl	9.30	154	1745472	41.975	ng		98
47) 2-Chloronaphthalene	9.33	162	1347366	41.783	ng		95
48) 2-Nitroaniline	9.43	65	380090	43.245	ng		93
49) Acenaphthylene	9.75	152	2120056	44.855	ng		100
50) Dimethylphthalate	9.60	163	1802863	48.783	ng		99
51) 2,6-Dinitrotoluene	9.67	165	366539	44.285	ng	#	88
52) Acenaphthene	9.92	154	1240538	43.937	ng		99
53) 3-Nitroaniline	9.84	138	268354	29.927	ng		93
54) 2,4-Dinitrophenol	9.96	184	245232	92.323	ng		98
55) Dibenzofuran	10.09	168	1828157	42.370	ng		94
56) 4-Nitrophenol	10.03	139	424081	89.455	ng		96
57) 2,4-Dinitrotoluene	10.08	165	465892	44.215	ng	#	86
58) Fluorene	10.43	166	1452176	44.976	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	366596	48.215	ng		94
60) Diethylphthalate	10.30	149	1556379	42.437	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	708168	40.320	ng		97
62) 4-Nitroaniline	10.46	138	374361	42.564	ng		96
63) Azobenzene	10.58	77	1376557	42.677	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	210543	42.212	ng		90
66) n-Nitrosodiphenylamine	10.54	169	1324659	44.181	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	452208	43.219	ng		97
68) Hexachlorobenzene	10.99	284	487611	43.437	ng		99
69) Atrazine	11.07	200	403198	41.677	ng		97
70) Pentachlorophenol	11.19	266	390421	89.383	ng		100
71) Phenanthrene	11.39	178	2070488	44.768	ng		99
72) Anthracene	11.45	178	2134068	46.322	ng		99
73) Carbazole	11.60	167	1902761	41.870	ng		98
74) Di-n-butylphthalate	11.92	149	2342892	41.535	ng		100
75) Fluoranthene	12.58	202	2123042	42.799	ng		99
77) Benzidine	12.70	184	594276	33.424	ng		95
78) Pyrene	12.81	202	2126480	47.545	ng		99
80) Butylbenzylphthalate	13.42	149	989058	45.707	ng		93
81) Benzo(a)anthracene	14.00	228	1765724	46.497	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	395720	27.844	ng		99
83) Chrysene	14.04	228	1619404	44.674	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1351559	44.002	ng		98
85) Di-n-octyl phthalate	14.58	149	2055535	43.496	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1548536	53.912	ng		97
88) Benzo(b)fluoranthene	15.04	252	1632649	48.843	ng		99
89) Benzo(k)fluoranthene	15.08	252	1395868	43.597	ng		97
90) Benzo(a)pyrene	15.42	252	1465297	48.719	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	1285917	53.049	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1288179	56.328	ng		97

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

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