Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114826.D
Acq On : 5 Jun 2019 19:01
Operator : HP/JU
Sample : K3186-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:07 PM

Quant Time: Jun 06 06:36:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	358895	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1393639	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	724611	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1472712	20.00	ng		0.00
76) Chrysene-d12	13.80	240	747346	20.00	ng		0.01
87) Perylene-d12	15.21	264	1032370	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2801902	136.42	ng		0.02
7) Phenol-d6	6.32	99	3507250	140.33	ng		0.02
23) Nitrobenzene-d5	7.24	82	2231418	98.56	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	1095897	140.34	ng		0.01
45) 2-Fluorobiphenyl	9.03	172	3830885	99.04	ng		0.00
79) Terphenyl-d14	12.76	244	4100349	106.70	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	387481	39.513	ng		99
3) Pyridine	3.02	79	852067	31.616	ng		99
4) n-Nitrosodimethylamine	2.94	42	463745	47.016	ng		96
6) Aniline	6.34	93	663776	18.718	ng		93
8) 2-Chlorophenol	6.46	128	1125976	47.447	ng		98
9) Benzaldehyde	6.21	77	361583	20.857	ng		100
10) Phenol	6.33	94	1290138	45.141	ng		83
11) bis(2-Chloroethyl)ether	6.42	93	1045031	46.852	ng		99
12) 1,3-Dichlorobenzene	6.61	146	1188589	42.982	ng		97
13) 1,4-Dichlorobenzene	6.69	146	1202219	43.207	ng		98
14) 1,2-Dichlorobenzene	6.85	146	1121636	44.634	ng		98
15) Benzyl Alcohol	6.82	79	903481	47.804	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1452298	45.526	ng		100
17) 2-Methylphenol	6.93	107	952616	46.962	ng		99
18) Hexachloroethane	7.19	117	437245	41.749	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	731453	44.213	ng		99
20) 3+4-Methylphenols	7.09	107	1099644	49.149	ng		91
22) Acetophenone	7.08	105	1470009	47.910	ng	#	97
24) Nitrobenzene	7.25	77	1149612	49.016	ng		98
25) Isophorone	7.50	82	2179275	48.692	ng		99
26) 2-Nitrophenol	7.57	139	667246	52.528	ng		94
27) 2,4-Dimethylphenol	7.62	122	1060651	54.936	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1362891	47.637	ng		100
29) 2,4-Dichlorophenol	7.82	162	1024700	50.446	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1077726	46.240	ng		99
31) Naphthalene	7.97	128	3064181	48.838	ng		99
32) Benzoic acid	7.75	122	564408	40.137	ng		96
33) 4-Chloroaniline	8.02	127	335351	11.204	ng		97
34) Hexachlorobutadiene	8.10	225	569741	42.997	ng		99
35) Caprolactam	8.40	113	342052m	51.549	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1066779	52.778	ng		99
37) 2-Methylnaphthalene	8.66	142	2174569	49.969	ng		99
38) 1-Methylnaphthalene	8.76	142	2083152	50.476	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	948989	45.445	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	769928	60.792	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	783536	48.254	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	824295	50.406	ng		100
46) 1,1'-Biphenyl	9.13	154	2534517	47.194	ng		98
47) 2-Chloronaphthalene	9.15	162	2111171	46.263	ng		100
48) 2-Nitroaniline	9.25	65	649498	47.693	ng		99
49) Acenaphthylene	9.56	152	3203174	48.403	ng		100
50) Dimethylphthalate	9.44	163	3177226	60.035	ng		99
51) 2,6-Dinitrotoluene	9.49	165	619302	49.758	ng		99
52) Acenaphthene	9.74	154	2182932	50.355	ng		100
53) 3-Nitroaniline	9.65	138	413380	28.431	ng		97
54) 2,4-Dinitrophenol	9.76	184	455836	80.936	ng		98
55) Dibenzofuran	9.91	168	2800138	46.452	ng		100
56) 4-Nitrophenol	9.83	139	1136697	106.691	ng		97
57) 2,4-Dinitrotoluene	9.89	165	831212	53.125	ng		89
58) Fluorene	10.25	166	1973172	52.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	690294	51.523	ng		100
60) Diethylphthalate	10.13	149	2607123	49.093	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	989154	42.843	ng		97
62) 4-Nitroaniline	10.27	138	662909	47.007	ng		99
63) Azobenzene	10.40	77	2283725	50.520	ng		99
65) 4,6-Dinitro-2-methylphenol	10.30	198	333722	43.623	ng		90
66) n-Nitrosodiphenylamine	10.36	169	2092370	46.986	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	741904	44.355	ng		99
68) Hexachlorobenzene	10.80	284	789131	43.108	ng		97
69) Atrazine	10.89	200	727683	46.985	ng		98
70) Pentachlorophenol	10.99	266	888701	83.979	ng		99
71) Phenanthrene	11.20	178	3294073	46.854	ng		99
72) Anthracene	11.26	178	3362854	45.450	ng		100
73) Carbazole	11.41	167	3115242	49.115	ng		99
74) Di-n-butylphthalate	11.75	149	3767360	45.159	ng		99
75) Fluoranthene	12.39	202	3457685	47.252	ng		99
77) Benzidine	12.50	184	162004	4.379	ng	#	74
78) Pyrene	12.61	202	3481450	53.699	ng		99
80) Butylbenzylphthalate	13.23	149	1762144	53.824	ng		98
81) Benzo(a)anthracene	13.79	228	2775224	48.189	ng		100
82) 3,3'-Dichlorobenzidine	13.76	252	709531	30.384	ng		99
83) Chrysene	13.83	228	2773594	49.507	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2107897	50.917	ng		99
85) Di-n-octyl phthalate	14.43	149	3615651	51.400	ng		99
86) Indeno(1,2,3-cd)pyrene	16.53	276	3070021	48.027	ng		99
88) Benzo(b)fluoranthene	14.83	252	3087452	46.977	ng		99
89) Benzo(k)fluoranthene	14.86	252	2420576	43.370	ng		98
90) Benzo(a)pyrene	15.16	252	2756890	48.464	ng		99
91) Dibenzo(a,h)anthracene	16.56	278	2485016	46.129	ng		99
92) Benzo(g,h,i)perylene	16.93	276	2485773	45.885	ng		98

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

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