Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114878.D
Acq On : 6 Jun 2019 22:29
Operator : HP/JU
Sample : K3186-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:52 PM

Quant Time: Jun 07 03:40:14 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	539728	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1992515	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	925927	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1582417	20.00	ng		0.00
76) Chrysene-d12	13.80	240	682445	20.00	ng		0.00
87) Perylene-d12	15.18	264	934951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	3998534	129.45	ng		0.04
7) Phenol-d6	6.33	99	4975075	132.37	ng		0.03
23) Nitrobenzene-d5	7.25	82	3237816	100.03	ng		0.01
42) 2,4,6-Tribromophenol	10.49	330	1211407	121.40	ng		0.01
45) 2-Fluorobiphenyl	9.04	172	4697292	95.03	ng		0.01
79) Terphenyl-d14	12.76	244	3981660	113.47	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	535618	36.319	ng		100
3) Pyridine	3.09	79	1213810	29.948	ng		99
4) n-Nitrosodimethylamine	3.02	42	673434	45.400	ng		97
6) Aniline	6.35	93	908921	17.043	ng	#	75
8) 2-Chlorophenol	6.47	128	1553794	43.538	ng		98
9) Benzaldehyde	6.22	77	545770	20.934	ng		99
10) Phenol	6.35	94	1769116	41.161	ng		85
11) bis(2-Chloroethyl)ether	6.42	93	1508386	44.968	ng		98
12) 1,3-Dichlorobenzene	6.62	146	1727312	41.536	ng		98
13) 1,4-Dichlorobenzene	6.69	146	1712560	40.926	ng		99
14) 1,2-Dichlorobenzene	6.85	146	1519082	40.197	ng		98
15) Benzyl Alcohol	6.83	79	1202044	42.292	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2057997	42.898	ng		93
17) 2-Methylphenol	6.95	107	1390098	45.568	ng		96
18) Hexachloroethane	7.19	117	653444	41.488	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	1083178	43.537	ng		98
20) 3+4-Methylphenols	7.10	107	1511219	44.914	ng		93
22) Acetophenone	7.09	105	2174171	49.562	ng		94
24) Nitrobenzene	7.26	77	1611825	48.068	ng		97
25) Isophorone	7.50	82	3194914	49.929	ng		100
26) 2-Nitrophenol	7.57	139	968710	53.339	ng		94
27) 2,4-Dimethylphenol	7.63	122	1493217	54.095	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	1978903	48.379	ng		99
29) 2,4-Dichlorophenol	7.82	162	1397947	48.136	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1540421	46.228	ng		100
31) Naphthalene	7.98	128	4115148	45.875	ng		97
32) Benzoic acid	7.77	122	1018276	50.649	ng		99
33) 4-Chloroaniline	8.02	127	392906	9.181	ng		98
34) Hexachlorobutadiene	8.10	225	828409	43.727	ng		100
35) Caprolactam	8.42	113	410382m	43.258	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1420486	49.155	ng		99
37) 2-Methylnaphthalene	8.67	142	2861081	45.984	ng		98
38) 1-Methylnaphthalene	8.77	142	2677810	45.383	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1249062	46.810	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	996859	61.597	ng		100
43) 2,4,6-Trichlorophenol	8.95	196	1008582	48.609	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	1014588	48.554	ng		97
46) 1,1'-Biphenyl	9.13	154	3184715	46.407	ng		98
47) 2-Chloronaphthalene	9.16	162	2630144	45.104	ng		99
48) 2-Nitroaniline	9.25	65	812412	46.686	ng		98
49) Acenaphthylene	9.57	152	3784126	44.749	ng		99
50) Dimethylphthalate	9.45	163	3985130	58.929	ng		98
51) 2,6-Dinitrotoluene	9.50	165	774243	48.682	ng		96
52) Acenaphthene	9.74	154	2361859	42.637	ng		99
53) 3-Nitroaniline	9.66	138	484888	26.098	ng		96
54) 2,4-Dinitrophenol	9.77	184	572916	79.607	ng		96
55) Dibenzofuran	9.91	168	3246122	42.142	ng		97
56) 4-Nitrophenol	9.84	139	1259729	92.532	ng		90
57) 2,4-Dinitrotoluene	9.90	165	953029	47.667	ng	#	88
58) Fluorene	10.25	166	2242096	45.523	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	789923	46.140	ng		98
60) Diethylphthalate	10.14	149	3063702	45.148	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	1139421	38.621	ng		99
62) 4-Nitroaniline	10.27	138	754378	41.863	ng		98
63) Azobenzene	10.40	77	2605518	45.107	ng		99
65) 4,6-Dinitro-2-methylphenol	10.30	198	365143	44.422	ng		96
66) n-Nitrosodiphenylamine	10.37	169	2377362	49.684	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	841492	46.822	ng		93
68) Hexachlorobenzene	10.80	284	887347	45.113	ng		96
69) Atrazine	10.90	200	778480	46.780	ng		99
70) Pentachlorophenol	10.99	266	983166	86.465	ng		99
71) Phenanthrene	11.20	178	3504894	46.396	ng		99
72) Anthracene	11.26	178	3548789	44.638	ng		99
73) Carbazole	11.41	167	3162752	46.407	ng		100
74) Di-n-butylphthalate	11.75	149	3953186	44.101	ng		98
75) Fluoranthene	12.38	202	3389604	43.111	ng		98
77) Benzidine	12.50	184	112852	3.340	ng	#	79
78) Pyrene	12.61	202	3300565	55.750	ng		99
80) Butylbenzylphthalate	13.23	149	1771241	59.247	ng		98
81) Benzo(a)anthracene	13.79	228	2552322	48.533	ng		100
82) 3,3'-Dichlorobenzidine	13.75	252	661084	31.001	ng		99
83) Chrysene	13.83	228	2556085	49.964	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1979168	52.354	ng		99
85) Di-n-octyl phthalate	14.41	149	3380073	52.621	ng		99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2579349	44.188	ng		100
88) Benzo(b)fluoranthene	14.80	252	2781284	46.728	ng		99
89) Benzo(k)fluoranthene	14.83	252	2435273	48.179	ng		99
90) Benzo(a)pyrene	15.13	252	2551909	49.535	ng		98
91) Dibenzo(a,h)anthracene	16.52	278	2112360	43.297	ng		99
92) Benzo(g,h,i)perylene	16.90	276	2044287	41.668	ng		99

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

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