Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113753.D
Acq On : 12 Apr 2019 22:23
Operator : JU/SJ
Sample : K2374-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MS

Manual Integrations APPROVED
Sohil
4/15/2019 12:27:26 AM

Quant Time: Apr 13 04:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113563	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	417523	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	200419	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	380582	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	249059	20.00	ng		-0.02
87) Perylene-d12	15.23	264	290484	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	771278	115.81	ng		0.00
7) Phenol-d6	6.33	99	948221	115.52	ng		0.00
23) Nitrobenzene-d5	7.25	82	534334	74.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	256644	106.60	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1018553	81.82	ng		-0.02
79) Terphenyl-d14	12.76	244	987970	80.76	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	105035	33.300	ng		98
3) Pyridine	3.07	79	239460	29.010	ng		99
4) n-Nitrosodimethylamine	2.99	42	122433	34.909	ng		99
6) Aniline	6.35	93	228769	22.994	ng	#	65
8) 2-Chlorophenol	6.47	128	279496	36.274	ng		94
9) Benzaldehyde	6.23	77	108740	22.280	ng		99
10) Phenol	6.35	94	346786	36.992	ng		85
11) bis(2-Chloroethyl)ether	6.41	93	271511	37.233	ng		100
12) 1,3-Dichlorobenzene	6.61	146	296684	35.755	ng		100
13) 1,4-Dichlorobenzene	6.69	146	304920	36.364	ng		99
14) 1,2-Dichlorobenzene	6.85	146	282419	37.313	ng		97
15) Benzyl Alcohol	6.83	79	187938	33.863	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	396447	34.927	ng	#	45
17) 2-Methylphenol	6.95	107	218430	36.580	ng	#	90
18) Hexachloroethane	7.18	117	107917	35.358	ng		95
19) n-Nitroso-di-n-propylamine	7.09	70	187721	37.088	ng		97
20) 3+4-Methylphenols	7.11	107	288315	39.849	ng		89
22) Acetophenone	7.09	105	384381	41.916	ng		98
24) Nitrobenzene	7.26	77	270760	36.885	ng		100
25) Isophorone	7.50	82	503821	36.692	ng		99
26) 2-Nitrophenol	7.58	139	144799	36.651	ng		97
27) 2,4-Dimethylphenol	7.63	122	244732	43.330	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	319365	36.788	ng		98
29) 2,4-Dichlorophenol	7.84	162	242326	40.100	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	249171	37.969	ng		98
31) Naphthalene	7.97	128	785890	38.848	ng		100
32) Benzoic acid	7.76	122	21607	4.940	ng		89
33) 4-Chloroaniline	8.06	127	64131	7.995	ng		99
34) Hexachlorobutadiene	8.09	225	147453	36.854	ng		99
35) Caprolactam	8.40	113	85168m	44.398	ng		
36) 4-Chloro-3-methylphenol	8.54	107	231381	38.142	ng		99
37) 2-Methylnaphthalene	8.67	142	528819	39.745	ng		99
38) 1-Methylnaphthalene	8.77	142	498039	38.819	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	246779	38.073	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	78484	42.194	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	152617	37.302	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	156377	35.601	ng		98
46) 1,1'-Biphenyl	9.13	154	637891	38.570	ng		99
47) 2-Chloronaphthalene	9.16	162	476997	38.093	ng		98
48) 2-Nitroaniline	9.26	65	148610	38.786	ng		100
49) Acenaphthylene	9.57	152	761050	37.376	ng		99
50) Dimethylphthalate	9.43	163	636072	43.055	ng		99
51) 2,6-Dinitrotoluene	9.50	165	122958	37.758	ng		93
52) Acenaphthene	9.74	154	450653	38.664	ng		99
53) 3-Nitroaniline	9.67	138	89112	24.068	ng		91
54) 2,4-Dinitrophenol	9.83	184	20452	13.424	ng		90
55) Dibenzofuran	9.91	168	672311	39.322	ng		99
56) 4-Nitrophenol	9.87	139	69399	30.216	ng		93
57) 2,4-Dinitrotoluene	9.92	165	155951	39.597	ng		97
58) Fluorene	10.25	166	528736	39.099	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	133016	34.985	ng		95
60) Diethylphthalate	10.13	149	544987	38.261	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	263306	39.586	ng		91
62) 4-Nitroaniline	10.29	138	128582	34.152	ng		97
63) Azobenzene	10.40	77	499409	37.030	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	32953	16.447	ng		88
66) n-Nitrosodiphenylamine	10.36	169	473882	40.559	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	164531	38.546	ng		99
68) Hexachlorobenzene	10.80	284	184682	37.761	ng	#	91
69) Atrazine	10.89	200	142720	38.755	ng		95
70) Pentachlorophenol	11.01	266	86389	37.485	ng		98
71) Phenanthrene	11.21	178	755404	39.944	ng		99
72) Anthracene	11.26	178	793682	41.250	ng		99
73) Carbazole	11.42	167	712553	39.596	ng		99
74) Di-n-butylphthalate	11.74	149	825353	38.555	ng		100
75) Fluoranthene	12.40	202	759223	37.465	ng		98
77) Benzidine	12.52	184	274999	29.692	ng		97
78) Pyrene	12.62	202	744574	39.290	ng		99
80) Butylbenzylphthalate	13.23	149	288027	37.338	ng		98
81) Benzo(a)anthracene	13.81	228	528050	36.754	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	137764	24.895	ng		99
83) Chrysene	13.84	228	553327	37.992	ng		100
84) Bis(2-ethylhexyl)phthalate	13.79	149	365976	39.240	ng		99
85) Di-n-octyl phthalate	14.40	149	586661	38.697	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	797104	59.278	ng		99
88) Benzo(b)fluoranthene	14.83	252	619031	34.814	ng		99
89) Benzo(k)fluoranthene	14.86	252	573424	35.933	ng		99
90) Benzo(a)pyrene	15.17	252	612728	38.779	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	668099	45.216	ng		99
92) Benzo(g,h,i)perylene	17.00	276	698735	46.331	ng		99

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

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