Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113830.D
Acq On : 18 Apr 2019 21:29
Operator : JU/SJ
Sample : K2441-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-SMS

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:46 AM

Quant Time: Apr 19 02:51:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165589	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	569527	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	251305	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	433084	20.00	ng	0.00
76) Chrysene-d12	14.04	240	453553	20.00	ng	0.00
87) Perylene-d12	15.52	264	540944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1064499	106.89	ng	0.01
7) Phenol-d6	6.52	99	1326814	106.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	750809	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296949	106.95	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1119416	67.93	ng	0.00
79) Terphenyl-d14	12.99	244	1224841	56.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	180793	36.484	ng	98
3) Pyridine	3.49	79	477891	35.051	ng	98
4) n-Nitrosodimethylamine	3.43	42	176524	37.096	ng	100
6) Aniline	6.56	93	407589	23.128	ng	99
8) 2-Chlorophenol	6.68	128	411048	36.777	ng	99
9) Benzaldehyde	6.44	77	146760	15.909	ng	97
10) Phenol	6.53	94	505244m	36.291	ng	
11) bis(2-Chloroethyl)ether	6.63	93	422230	37.360	ng	99
12) 1,3-Dichlorobenzene	6.84	146	463266	37.307	ng	100
13) 1,4-Dichlorobenzene	6.92	146	465772	37.492	ng	99
14) 1,2-Dichlorobenzene	7.07	146	435062	38.000	ng	99
15) Benzyl Alcohol	7.03	79	370169	36.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	494712	36.088	ng	99
17) 2-Methylphenol	7.14	107	327966	35.924	ng	99
18) Hexachloroethane	7.42	117	158359	35.544	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	287732	34.710	ng	98
20) 3+4-Methylphenols	7.29	107	407025	37.106	ng	91
22) Acetophenone	7.30	105	560615	43.204	ng	96
24) Nitrobenzene	7.47	77	432209	41.119	ng	98
25) Isophorone	7.71	82	754117	38.944	ng	99
26) 2-Nitrophenol	7.79	139	185137	44.337	ng	92
27) 2,4-Dimethylphenol	7.82	122	327906	41.129	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	492026	39.986	ng	99
29) 2,4-Dichlorophenol	8.03	162	332339	39.122	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	381047	40.382	ng	99
31) Naphthalene	8.20	128	1101973	40.906	ng	99
32) Benzoic acid	7.86	122	12654m	8.027	ng	
33) 4-Chloroaniline	8.24	127	202464	17.716	ng	96
34) Hexachlorobutadiene	8.32	225	223257	38.726	ng	98
35) Caprolactam	8.59	113	92303m	33.660	ng	
36) 4-Chloro-3-methylphenol	8.72	107	306310	36.364	ng	97
37) 2-Methylnaphthalene	8.89	142	690603	38.639	ng	99
38) 1-Methylnaphthalene	8.99	142	650583	37.512	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	347770	43.607	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	246852	56.306	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	223728	43.582	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	234732	42.371	ng		100
46) 1,1'-Biphenyl	9.35	154	826480	43.461	ng		99
47) 2-Chloronaphthalene	9.37	162	651848	41.873	ng		98
48) 2-Nitroaniline	9.46	65	173469	42.823	ng		95
49) Acenaphthylene	9.79	152	972141	39.927	ng		98
50) Dimethylphthalate	9.65	163	891525	50.693	ng		100
51) 2,6-Dinitrotoluene	9.70	165	157765	40.647	ng		94
52) Acenaphthene	9.96	154	563097	39.428	ng		98
53) 3-Nitroaniline	9.87	138	120654	29.357	ng		96
54) 2,4-Dinitrophenol	9.97	184	26842	25.542	ng	#	1
55) Dibenzofuran	10.13	168	847750	39.625	ng		99
56) 4-Nitrophenol	10.02	139	236934	70.840	ng		99
57) 2,4-Dinitrotoluene	10.10	165	188740	39.196	ng		97
58) Fluorene	10.47	166	615192	38.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	185597	39.260	ng		99
60) Diethylphthalate	10.35	149	672466	39.897	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	321899	39.388	ng		98
62) 4-Nitroaniline	10.47	138	130605	33.036	ng		99
63) Azobenzene	10.63	77	627763	36.245	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	40907	26.483	ng		98
66) n-Nitrosodiphenylamine	10.58	169	555972	42.350	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	202852	39.886	ng		97
68) Hexachlorobenzene	11.03	284	218137	39.002	ng		98
69) Atrazine	11.10	200	175108	43.112	ng		99
70) Pentachlorophenol	11.22	266	246556	77.761	ng		97
71) Phenanthrene	11.43	178	874643	39.653	ng		99
72) Anthracene	11.49	178	898678	40.432	ng		99
73) Carbazole	11.63	167	828658	41.062	ng		99
74) Di-n-butylphthalate	11.97	149	927180	41.281	ng		99
75) Fluoranthene	12.62	202	995391	42.581	ng		99
77) Benzidine	12.73	184	401541	26.433	ng		98
78) Pyrene	12.85	202	1028942	32.190	ng		99
80) Butylbenzylphthalate	13.47	149	433245	36.589	ng		97
81) Benzo(a)anthracene	14.03	228	1052984	39.716	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	386646	41.031	ng		99
83) Chrysene	14.07	228	1100898	41.835	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	592453	41.823	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1168279	53.155	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1105476	51.459	ng		100
88) Benzo(b)fluoranthene	15.09	252	1239274	36.749	ng		99
89) Benzo(k)fluoranthene	15.12	252	1198848	39.032	ng		99
90) Benzo(a)pyrene	15.46	252	1168303	39.180	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	963440	36.313	ng		99
92) Benzo(g,h,i)perylene	17.43	276	857007	31.780	ng		99

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

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