Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116049.D
Acq On : 7 Aug 2019 15:01
Operator : HP/JU
Sample : K4164-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200051MS

Manual Integrations APPROVED
mohammad
8/8/2019 4:46:48 PM

Quant Time: Aug 08 07:57:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134496	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	532631	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	286111	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	483604	20.00	ng		0.00
76) Chrysene-d12	14.00	240	270411	20.00	ng		0.00
87) Perylene-d12	15.47	264	316523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	924665	115.09	ng		0.00
7) Phenol-d6	6.49	99	1245070	122.83	ng		0.00
23) Nitrobenzene-d5	7.41	82	780715	84.61	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	298418	107.58	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1131548	74.08	ng		0.00
79) Terphenyl-d14	12.95	244	1258650	98.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	129460	31.897	ng		99
3) Pyridine	3.42	79	339109	29.910	ng		100
4) n-Nitrosodimethylamine	3.36	42	158724	35.475	ng		97
6) Aniline	6.51	93	424617	29.250	ng		98
8) 2-Chlorophenol	6.63	128	357004	40.185	ng		97
9) Benzaldehyde	6.39	77	188476	26.948	ng		97
10) Phenol	6.50	94	461144	38.632	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	349155	39.785	ng		99
12) 1,3-Dichlorobenzene	6.79	146	385796	37.575	ng		98
13) 1,4-Dichlorobenzene	6.86	146	394754	38.399	ng		97
14) 1,2-Dichlorobenzene	7.02	146	366877	38.757	ng		100
15) Benzyl Alcohol	6.99	79	310880	40.413	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	462572	38.643	ng		98
17) 2-Methylphenol	7.10	107	303343	40.324	ng		99
18) Hexachloroethane	7.36	117	142718	37.706	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	251104	39.976	ng		97
20) 3+4-Methylphenols	7.26	107	374754	42.097	ng		95
22) Acetophenone	7.25	105	490102	41.956	ng		99
24) Nitrobenzene	7.43	77	401510	40.299	ng		99
25) Isophorone	7.67	82	729186	41.327	ng		100
26) 2-Nitrophenol	7.75	139	197544	42.061	ng		95
27) 2,4-Dimethylphenol	7.78	122	327396	46.335	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	446188	40.800	ng		99
29) 2,4-Dichlorophenol	7.99	162	316351	42.403	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	337666	39.705	ng		99
31) Naphthalene	8.15	128	1047691	41.800	ng		99
32) Benzoic acid	7.89	122	27917	5.604	ng	#	87
33) 4-Chloroaniline	8.19	127	305128	27.246	ng		99
34) Hexachlorobutadiene	8.26	225	189054	38.594	ng		99
35) Caprolactam	8.56	113	86722m	35.940	ng		
36) 4-Chloro-3-methylphenol	8.69	107	331150	42.666	ng		97
37) 2-Methylnaphthalene	8.84	142	702158	42.537	ng		98
38) 1-Methylnaphthalene	8.93	142	656988	42.070	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322037	42.102	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	148509	45.969	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	204557	38.853	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	219072	40.254	ng		99
46) 1,1'-Biphenyl	9.30	154	855509	42.353	ng		99
47) 2-Chloronaphthalene	9.33	162	672023	39.973	ng		99
48) 2-Nitroaniline	9.42	65	217174	39.082	ng		90
49) Acenaphthylene	9.74	152	1036139	42.245	ng		98
50) Dimethylphthalate	9.60	163	1039238	53.346	ng		100
51) 2,6-Dinitrotoluene	9.66	165	177089	41.830	ng	#	83
52) Acenaphthene	9.92	154	614415	40.833	ng		100
53) 3-Nitroaniline	9.83	138	155651	29.755	ng		97
54) 2,4-Dinitrophenol	9.96	184	35777	22.805	ng		94
55) Dibenzofuran	10.09	168	910427	41.606	ng		99
56) 4-Nitrophenol	10.01	139	230126	68.673	ng		91
57) 2,4-Dinitrotoluene	10.07	165	226780	40.233	ng		97
58) Fluorene	10.43	166	710570	42.207	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	166314	36.324	ng		98
60) Diethylphthalate	10.30	149	768904	42.275	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	355013	41.637	ng		98
62) 4-Nitroaniline	10.45	138	196482	36.345	ng		99
63) Azobenzene	10.57	77	786704	42.053	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	59232	23.112	ng		84
66) n-Nitrosodiphenylamine	10.54	169	634598	43.597	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	219885	42.474	ng		97
68) Hexachlorobenzene	10.98	284	243482	40.673	ng		98
69) Atrazine	11.06	200	193995	40.511	ng		99
70) Pentachlorophenol	11.18	266	137901	47.448	ng		98
71) Phenanthrene	11.39	178	1032352	41.757	ng		100
72) Anthracene	11.45	178	1069994	42.764	ng		99
73) Carbazole	11.60	167	950706	41.882	ng		99
74) Di-n-butylphthalate	11.92	149	1172292	44.270	ng		99
75) Fluoranthene	12.58	202	1027622	39.704	ng		99
77) Benzidine	12.70	184	374080	40.947	ng		98
78) Pyrene	12.81	202	1025711	50.319	ng		100
80) Butylbenzylphthalate	13.42	149	430019	49.872	ng		96
81) Benzo(a)anthracene	14.00	228	741708	42.914	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	218443	36.379	ng		99
83) Chrysene	14.03	228	714306	42.569	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	574384	51.262	ng		98
85) Di-n-octyl phthalate	14.58	149	854644	48.021	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	921333	65.374	ng		100
88) Benzo(b)fluoranthene	15.04	252	706870	38.623	ng		99
89) Benzo(k)fluoranthene	15.07	252	677431	38.002	ng		100
90) Benzo(a)pyrene	15.41	252	705127	43.100	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	771903	54.507	ng		99
92) Benzo(g,h,i)perylene	17.39	276	789405	56.759	ng		99

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

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