Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116207.D
Acq On : 12 Aug 2019 23:41
Operator : HP/JU
Sample : K4152-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:41 AM

Quant Time: Aug 13 01:57:23 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	6.83	152	114515	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	449422	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	248378	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	449972	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322276	20.00	ng	0.00
87) Perylene-d12	15.46	264	311261	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	840377	122.85	ng	0.00
7) Phenol-d6	6.48	99	1022307	118.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	745966	95.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	335700	139.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1245771	93.95	ng	-0.01
79) Terphenyl-d14	12.94	244	1598419	104.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	122003	35.304	ng	# 85
3) Pyridine	3.47	79	133760	13.856	ng	96
4) n-Nitrosodimethylamine	3.36	42	144633	37.965	ng	98
6) Aniline	6.51	93	115698	9.361	ng	# 80
8) 2-Chlorophenol	6.63	128	345067	45.618	ng	100
9) Benzaldehyde	6.40	77	28451	4.778	ng	98
10) Phenol	6.49	94	387459	38.123	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	335392	44.885	ng	97
12) 1,3-Dichlorobenzene	6.77	146	322267	36.864	ng	99
13) 1,4-Dichlorobenzene	6.85	146	332838	38.025	ng	99
14) 1,2-Dichlorobenzene	7.00	146	315224	39.111	ng	99
15) Benzyl Alcohol	6.98	79	284712	43.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	427270	41.922	ng	89
17) 2-Methylphenol	7.10	107	289231	45.157	ng	95
18) Hexachloroethane	7.34	117	116624	36.189	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	242273	45.300	ng	99
20) 3+4-Methylphenols	7.25	107	367650	48.505	ng	92
22) Acetophenone	7.25	105	482995	49.003	ng	96
24) Nitrobenzene	7.42	77	393313	46.785	ng	99
25) Isophorone	7.66	82	708321	47.578	ng	100
26) 2-Nitrophenol	7.73	139	188076	47.460	ng	100
27) 2,4-Dimethylphenol	7.77	122	321802	53.975	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	431222	46.732	ng	99
29) 2,4-Dichlorophenol	7.98	162	314331	49.933	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	312457	43.543	ng	99
31) Naphthalene	8.13	128	987741	46.704	ng	99
32) Benzoic acid	7.92	122	129129	30.720	ng	98
33) 4-Chloroaniline	8.20	127	58362	6.176	ng	98
34) Hexachlorobutadiene	8.25	225	168765	40.831	ng	100
35) Caprolactam	8.57	113	74030m	36.360	ng	
36) 4-Chloro-3-methylphenol	8.68	107	334547	51.084	ng	98
37) 2-Methylnaphthalene	8.83	142	690482	49.574	ng	98
38) 1-Methylnaphthalene	8.93	142	641678	48.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308584	46.472	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	126810	45.313	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	209014	45.731	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	227666	48.188	ng		98
46) 1,1'-Biphenyl	9.29	154	842644	48.054	ng		98
47) 2-Chloronaphthalene	9.32	162	665227	45.580	ng		100
48) 2-Nitroaniline	9.42	65	225360	46.716	ng		99
49) Acenaphthylene	9.73	152	1024619	48.122	ng		98
50) Dimethylphthalate	9.59	163	833229	49.269	ng		99
51) 2,6-Dinitrotoluene	9.66	165	181374	49.351	ng	#	82
52) Acenaphthene	9.90	154	620437	47.498	ng		100
53) 3-Nitroaniline	9.83	138	72431	15.950	ng		96
54) 2,4-Dinitrophenol	9.95	184	130228	70.677	ng		98
55) Dibenzofuran	10.08	168	891674	46.940	ng		98
56) 4-Nitrophenol	10.01	139	231885	79.710	ng		96
57) 2,4-Dinitrotoluene	10.07	165	234070	47.835	ng		95
58) Fluorene	10.42	166	730023	49.950	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	201720	50.749	ng		99
60) Diethylphthalate	10.29	149	780978	49.463	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	360078	48.647	ng		97
62) 4-Nitroaniline	10.45	138	183715	39.146	ng		99
63) Azobenzene	10.57	77	804024	49.508	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	106829	44.800	ng		92
66) n-Nitrosodiphenylamine	10.53	169	655319	48.386	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	225463	46.806	ng		98
68) Hexachlorobenzene	10.97	284	255305	45.835	ng		98
69) Atrazine	11.05	200	144562	32.445	ng		99
70) Pentachlorophenol	11.17	266	246901	91.302	ng		96
71) Phenanthrene	11.38	178	1123449	48.838	ng		99
72) Anthracene	11.43	178	1168552	50.194	ng		99
73) Carbazole	11.59	167	1103204	52.232	ng		99
74) Di-n-butylphthalate	11.91	149	1248959	50.690	ng		99
75) Fluoranthene	12.57	202	1217205	50.543	ng		99
78) Pyrene	12.80	202	1237060	50.921	ng		99
80) Butylbenzylphthalate	13.40	149	553039	53.817	ng		93
81) Benzo(a)anthracene	13.99	228	1000059	48.550	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	151349	21.149	ng		99
83) Chrysene	14.03	228	979670	48.988	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	755062	56.542	ng		99
85) Di-n-octyl phthalate	14.57	149	1182896	55.768	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	955532	56.889	ng		100
88) Benzo(b)fluoranthene	15.04	252	838610	46.596	ng		99
89) Benzo(k)fluoranthene	15.07	252	903549	51.544	ng		97
90) Benzo(a)pyrene	15.40	252	828931	51.524	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	798819	57.361	ng		99
92) Benzo(g,h,i)perylene	17.39	276	800201	58.508	ng		98

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

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