Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
Data File : BF116266.D
Acq On : 14 Aug 2019 17:31
Operator : HP/JU
Sample : K4089-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-081219MS

Manual Integrations APPROVED
mohammad
8/19/2019 10:41:49 AM

Quant Time: Aug 14 18:42:58 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	165834	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	653415	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	349092	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	593159	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	412510	20.00	ng	-0.02
87) Perylene-d12	15.45	264	376234	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1035027	104.48	ng	0.00
7) Phenol-d6	6.47	99	1241255	99.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	947990	83.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	404921	119.64	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1622107	87.04	ng	-0.02
79) Terphenyl-d14	12.93	244	1765396	90.18	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	151932	30.359	ng	# 84
3) Pyridine	3.52	79	195477	13.983	ng	98
4) n-Nitrosodimethylamine	3.43	42	179820	32.595	ng	99
6) Aniline	6.50	93	130009	7.263	ng	# 61
8) 2-Chlorophenol	6.62	128	404433	36.921	ng	99
9) Benzaldehyde	6.39	77	97663	11.325	ng	99
10) Phenol	6.49	94	434796	29.542	ng	79
11) bis(2-Chloroethyl)ether	6.56	93	411863	38.062	ng	96
12) 1,3-Dichlorobenzene	6.77	146	415923	32.854	ng	98
13) 1,4-Dichlorobenzene	6.85	146	433296	34.183	ng	98
14) 1,2-Dichlorobenzene	7.00	146	392057	33.591	ng	98
15) Benzyl Alcohol	6.97	79	324583	34.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	527723	35.755	ng	73
17) 2-Methylphenol	7.09	107	341458	36.813	ng	97
18) Hexachloroethane	7.33	117	156625	33.561	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	290413	37.497	ng	98
20) 3+4-Methylphenols	7.25	107	421437	38.395	ng	99
22) Acetophenone	7.24	105	580801	40.530	ng	96
24) Nitrobenzene	7.41	77	484549	39.643	ng	100
25) Isophorone	7.65	82	873274	40.345	ng	100
26) 2-Nitrophenol	7.73	139	229427	39.820	ng	97
27) 2,4-Dimethylphenol	7.77	122	379128	43.738	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	540014	40.251	ng	100
29) 2,4-Dichlorophenol	7.97	162	374299	40.896	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	391717	37.546	ng	99
31) Naphthalene	8.13	128	1215737	39.538	ng	99
32) Benzoic acid	7.93	122	216634	35.448	ng	96
33) 4-Chloroaniline	8.20	127	64212	4.674	ng	98
34) Hexachlorobutadiene	8.25	225	218213	36.312	ng	99
35) Caprolactam	8.56	113	80872m	27.320	ng	
36) 4-Chloro-3-methylphenol	8.67	107	385734	40.512	ng	97
37) 2-Methylnaphthalene	8.82	142	809715	39.985	ng	99
38) 1-Methylnaphthalene	8.92	142	757532	39.542	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	378064	40.510	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	208014	51.896	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	243333	37.880	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	254340	38.303	ng		97
46) 1,1'-Biphenyl	9.28	154	1009504	40.961	ng		99
47) 2-Chloronaphthalene	9.31	162	790665	38.545	ng		98
48) 2-Nitroaniline	9.41	65	234797	34.630	ng		92
49) Acenaphthylene	9.72	152	1176531	39.315	ng		99
50) Dimethylphthalate	9.58	163	994103	41.823	ng		100
51) 2,6-Dinitrotoluene	9.65	165	209476	40.553	ng	#	88
52) Acenaphthene	9.89	154	716656	39.035	ng		99
53) 3-Nitroaniline	9.83	138	43021	6.740	ng		98
54) 2,4-Dinitrophenol	9.95	184	181798	70.252	ng		97
55) Dibenzofuran	10.07	168	1017321	38.103	ng		99
56) 4-Nitrophenol	10.00	139	235229	57.532	ng		94
57) 2,4-Dinitrotoluene	10.06	165	251063	36.505	ng		93
58) Fluorene	10.41	166	824353	40.131	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	232469	41.612	ng		99
60) Diethylphthalate	10.28	149	909855	41.000	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	421442	40.511	ng		99
62) 4-Nitroaniline	10.45	138	173549	26.311	ng		99
63) Azobenzene	10.56	77	933772	40.909	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	134248	42.709	ng		97
66) n-Nitrosodiphenylamine	10.52	169	719075	40.276	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	262250	41.301	ng		98
68) Hexachlorobenzene	10.96	284	289612	39.443	ng		98
69) Atrazine	11.05	200	196634	33.478	ng		98
70) Pentachlorophenol	11.16	266	267851	75.139	ng		99
71) Phenanthrene	11.37	178	1195108	39.412	ng		99
72) Anthracene	11.43	178	1261855	41.118	ng		99
73) Carbazole	11.58	167	1118973	40.190	ng		100
74) Di-n-butylphthalate	11.90	149	1405321	43.268	ng		100
75) Fluoranthene	12.56	202	1270558	40.023	ng		98
78) Pyrene	12.79	202	1298616	41.762	ng		99
80) Butylbenzylphthalate	13.39	149	607786	46.207	ng		94
81) Benzo(a)anthracene	13.98	228	1059720	40.192	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	70706	7.719	ng		99
83) Chrysene	14.02	228	1056979	41.292	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	851535	49.818	ng		99
85) Di-n-octyl phthalate	14.56	149	1323832	48.760	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	851212	39.593	ng		100
88) Benzo(b)fluoranthene	15.03	252	893996	41.095	ng		99
89) Benzo(k)fluoranthene	15.06	252	900682	42.507	ng		100
90) Benzo(a)pyrene	15.39	252	829997	42.681	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	717591	42.630	ng		98
92) Benzo(g,h,i)perylene	17.36	276	705621	42.683	ng		98

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

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