Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115993.D
Acq On : 5 Aug 2019 21:21
Operator : HP/JU
Sample : K4093-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:48 PM

Quant Time: Aug 06 04:01:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140235	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	543325	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	292127	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	514921	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	372522	20.00	ng		-0.02
87) Perylene-d12	15.47	264	339449	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1017002	121.41	ng		0.02
7) Phenol-d6	6.49	99	1236976	117.04	ng		0.00
23) Nitrobenzene-d5	7.41	82	923594	98.12	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	396992	140.17	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1609393	103.19	ng		-0.02
79) Terphenyl-d14	12.95	244	1853595	104.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	141556	33.449	ng	#	85
3) Pyridine	3.53	79	285994	24.192	ng		99
4) n-Nitrosodimethylamine	3.45	42	175044	37.521	ng		99
6) Aniline	6.52	93	104210	6.885	ng	#	76
8) 2-Chlorophenol	6.64	128	381152	41.147	ng		97
9) Benzaldehyde	6.40	77	178326	24.454	ng		97
10) Phenol	6.50	94	422016	33.908	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	396256	43.305	ng		99
12) 1,3-Dichlorobenzene	6.79	146	417369	38.987	ng		97
13) 1,4-Dichlorobenzene	6.86	146	420820	39.259	ng		99
14) 1,2-Dichlorobenzene	7.02	146	388106	39.322	ng		99
15) Benzyl Alcohol	6.99	79	336858	41.998	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	499662	40.033	ng		93
17) 2-Methylphenol	7.10	107	322792	41.154	ng		98
18) Hexachloroethane	7.36	117	153892	38.995	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	277782	42.414	ng		97
20) 3+4-Methylphenols	7.26	107	391456	42.174	ng	#	74
22) Acetophenone	7.25	105	543766	45.634	ng		98
24) Nitrobenzene	7.43	77	438155	43.111	ng		96
25) Isophorone	7.67	82	795967	44.224	ng		99
26) 2-Nitrophenol	7.75	139	214848	44.845	ng		96
27) 2,4-Dimethylphenol	7.78	122	341533	47.384	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	488591	43.798	ng		99
29) 2,4-Dichlorophenol	7.99	162	343221	45.099	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	365349	42.114	ng		100
31) Naphthalene	8.15	128	1149570	44.962	ng		100
32) Benzoic acid	7.92	122	180204	35.461	ng		98
33) 4-Chloroaniline	8.20	127	69275	6.064	ng		98
34) Hexachlorobutadiene	8.26	225	208731	41.772	ng		99
35) Caprolactam	8.57	113	81653m	33.173	ng		
36) 4-Chloro-3-methylphenol	8.69	107	356971	45.088	ng		98
37) 2-Methylnaphthalene	8.84	142	776325	46.104	ng		99
38) 1-Methylnaphthalene	8.94	142	724703	45.493	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	351318	44.985	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	213571	62.328	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	232560	43.263	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	252918	45.516	ng		99
46) 1,1'-Biphenyl	9.30	154	944107	45.777	ng		99
47) 2-Chloronaphthalene	9.33	162	735512	42.849	ng		99
48) 2-Nitroaniline	9.42	65	235463	41.500	ng		89
49) Acenaphthylene	9.75	152	1137978	45.442	ng		99
50) Dimethylphthalate	9.60	163	889796	44.735	ng		99
51) 2,6-Dinitrotoluene	9.66	165	195689	45.271	ng	#	86
52) Acenaphthene	9.92	154	682008	44.392	ng		98
53) 3-Nitroaniline	9.83	138	71361	13.361	ng		93
54) 2,4-Dinitrophenol	9.95	184	154684	71.300	ng		92
55) Dibenzofuran	10.09	168	1017837	45.557	ng		98
56) 4-Nitrophenol	10.01	139	279713	81.752	ng		100
57) 2,4-Dinitrotoluene	10.07	165	258399	44.899	ng		97
58) Fluorene	10.43	166	786973	45.782	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212822	45.524	ng		99
60) Diethylphthalate	10.30	149	848367	45.684	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	394163	45.277	ng		99
62) 4-Nitroaniline	10.45	138	200240	36.277	ng		98
63) Azobenzene	10.58	77	872906	45.700	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	119023	43.618	ng		93
66) n-Nitrosodiphenylamine	10.54	169	708753	45.730	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	243753	44.220	ng		92
68) Hexachlorobenzene	10.98	284	274835	43.118	ng		97
69) Atrazine	11.06	200	226605	44.443	ng		99
70) Pentachlorophenol	11.18	266	270489	87.408	ng		98
71) Phenanthrene	11.39	178	1198558	45.531	ng		100
72) Anthracene	11.45	178	1211332	45.469	ng		99
73) Carbazole	11.60	167	1101033	45.554	ng		99
74) Di-n-butylphthalate	11.92	149	1364495	48.394	ng		99
75) Fluoranthene	12.58	202	1261099	45.761	ng		99
77) Benzidine	12.70	184	26482	2.104	ng		99
78) Pyrene	12.81	202	1281006	45.618	ng		100
80) Butylbenzylphthalate	13.42	149	595498	50.132	ng		95
81) Benzo(a)anthracene	14.00	228	1056653	44.378	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	124861	15.094	ng	#	99
83) Chrysene	14.03	228	1025856	44.378	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	837051	54.227	ng		98
85) Di-n-octyl phthalate	14.59	149	1291106	52.660	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	966664	49.789	ng		99
88) Benzo(b)fluoranthene	15.04	252	899599	45.834	ng		98
89) Benzo(k)fluoranthene	15.07	252	848472	44.383	ng		97
90) Benzo(a)pyrene	15.41	252	814128	46.401	ng		100
91) Dibenzo(a,h)anthracene	16.94	278	804199	52.952	ng		98
92) Benzo(g,h,i)perylene	17.38	276	822144	55.120	ng		98

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

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