Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117055.D
Acq On : 16 Sep 2019 11:44
Operator : HP/JU
Sample : K4663-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:19 PM

Quant Time: Sep 16 15:06:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67182	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	265705	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138253	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	230876	20.00	ng	0.00
76) Chrysene-d12	13.97	240	168564	20.00	ng	0.00
87) Perylene-d12	15.42	264	151178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	465697	108.22	ng	0.02
7) Phenol-d6	6.46	99	585251	105.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	429321	84.90	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	154227	133.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	742588	83.98	ng	0.00
79) Terphenyl-d14	12.92	244	758056	84.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	63570	35.305	ng	# 86
3) Pyridine	3.42	79	126261	25.619	ng	97
4) n-Nitrosodimethylamine	3.33	42	67907	40.150	ng	99
6) Aniline	6.49	93	159373	22.259	ng	# 89
8) 2-Chlorophenol	6.62	128	197815	42.612	ng	97
9) Benzaldehyde	6.37	77	84928	27.650	ng	95
10) Phenol	6.47	94	214213	34.941	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	186858	41.470	ng	97
12) 1,3-Dichlorobenzene	6.77	146	200637	38.516	ng	96
13) 1,4-Dichlorobenzene	6.84	146	203907	38.357	ng	98
14) 1,2-Dichlorobenzene	7.00	146	195574	39.514	ng	98
15) Benzyl Alcohol	6.97	79	180885	42.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175892	39.512	ng	92
17) 2-Methylphenol	7.08	107	159320	40.950	ng	98
18) Hexachloroethane	7.33	117	79111	38.683	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	143845	42.478	ng	98
20) 3+4-Methylphenols	7.23	107	196371	40.521	ng	98
22) Acetophenone	7.23	105	294633	43.645	ng	99
24) Nitrobenzene	7.40	77	223262	44.707	ng	98
25) Isophorone	7.65	82	398425	44.498	ng	99
26) 2-Nitrophenol	7.72	139	99873	46.559	ng	98
27) 2,4-Dimethylphenol	7.76	122	169559	49.846	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	240992	43.686	ng	99
29) 2,4-Dichlorophenol	7.96	162	161470	45.302	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	161968	42.061	ng	99
31) Naphthalene	8.13	128	568919	44.521	ng	100
32) Benzoic acid	7.86	122	41805	20.634	ng	95
33) 4-Chloroaniline	8.17	127	91973	16.227	ng	96
34) Hexachlorobutadiene	8.25	225	90390	41.374	ng	97
35) Caprolactam	8.53	113	40740m	33.769	ng	
36) 4-Chloro-3-methylphenol	8.66	107	192313	46.273	ng	97
37) 2-Methylnaphthalene	8.82	142	390383	45.366	ng	99
38) 1-Methylnaphthalene	8.91	142	358460	44.477	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152948	42.842	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143378	89.792	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	105212	43.427	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	117562	45.417	ng		95
46) 1,1'-Biphenyl	9.27	154	464503	42.833	ng		99
47) 2-Chloronaphthalene	9.30	162	363442	42.465	ng		98
48) 2-Nitroaniline	9.40	65	120387	43.854	ng		98
49) Acenaphthylene	9.72	152	580941	45.310	ng		99
50) Dimethylphthalate	9.57	163	438762	44.822	ng		99
51) 2,6-Dinitrotoluene	9.64	165	93435	46.865	ng		98
52) Acenaphthene	9.89	154	330187	43.444	ng		99
53) 3-Nitroaniline	9.80	138	73646	29.278	ng		98
54) 2,4-Dinitrophenol	9.92	184	42225	52.596	ng		95
55) Dibenzofuran	10.06	168	504204	44.963	ng		96
56) 4-Nitrophenol	9.97	139	135436	83.075	ng		97
57) 2,4-Dinitrotoluene	10.05	165	126606	48.921	ng	#	94
58) Fluorene	10.40	166	406153	44.963	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93214m	47.058	ng		
60) Diethylphthalate	10.27	149	424481	44.076	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	171717	43.937	ng		96
62) 4-Nitroaniline	10.42	138	116204	44.421	ng		97
63) Azobenzene	10.55	77	445225	45.264	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	38862	38.532	ng		96
66) n-Nitrosodiphenylamine	10.51	169	353562	44.342	ng		97
67) 4-Bromophenyl-phenylether	10.88	248	100941	42.812	ng		94
68) Hexachlorobenzene	10.95	284	105854	41.047	ng		94
69) Atrazine	11.03	200	97593	50.979	ng		98
70) Pentachlorophenol	11.15	266	117168	96.926	ng		98
71) Phenanthrene	11.36	178	581866	44.371	ng		100
72) Anthracene	11.41	178	606244	45.282	ng		98
73) Carbazole	11.56	167	577848	45.471	ng		98
74) Di-n-butylphthalate	11.89	149	670578	44.351	ng		98
75) Fluoranthene	12.54	202	602474	44.713	ng		97
77) Benzidine	12.66	184	172836	31.831	ng		97
78) Pyrene	12.77	202	607221	42.932	ng		99
80) Butylbenzylphthalate	13.38	149	289652	43.340	ng		95
81) Benzo(a)anthracene	13.96	228	491492	43.642	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	88738	24.452	ng		98
83) Chrysene	14.00	228	490465	44.652	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	391408	45.423	ng	#	98
85) Di-n-octyl phthalate	14.55	149	643976	47.482	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	386222	48.196	ng		97
88) Benzo(b)fluoranthene	15.00	252	424642	46.371	ng		99
89) Benzo(k)fluoranthene	15.03	252	371589	42.837	ng		99
90) Benzo(a)pyrene	15.36	252	374616	46.619	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	313227	48.930	ng		98
92) Benzo(g,h,i)perylene	17.29	276	321626	50.419	ng		96

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

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