Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117962.D
Acq On : 23 Nov 2019 17:48
Operator : JU
Sample : K5951-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-4FTMS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:20 PM

Quant Time: Nov 25 08:28:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143681	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	486905	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	309098	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	617759	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	452264	20.00	ng		-0.02
87) Perylene-d12	15.60	264	402574	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	867436	106.87	ng		-0.01
7) Phenol-d6	6.53	99	1137101	116.14	ng		-0.01
23) Nitrobenzene-d5	7.47	82	717333	87.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	396459	121.15	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1367249	79.36	ng		-0.02
79) Terphenyl-d14	13.04	244	1643451	66.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	124341	32.771	ng		98
3) Pyridine	3.47	79	325088	32.663	ng		95
4) n-Nitrosodimethylamine	3.43	42	165248	38.035	ng		98
6) Aniline	6.56	93	400400	30.948	ng		98
8) 2-Chlorophenol	6.69	128	428033	48.597	ng		96
9) Benzaldehyde	6.45	77	202088	29.472	ng		98
10) Phenol	6.55	94	529497	52.045	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	379347	46.432	ng		96
12) 1,3-Dichlorobenzene	6.85	146	463539	44.703	ng		98
13) 1,4-Dichlorobenzene	6.92	146	474910	45.310	ng		99
14) 1,2-Dichlorobenzene	7.07	146	459581	45.847	ng		100
15) Benzyl Alcohol	7.05	79	369001	48.818	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	498720	39.648	ng		98
17) 2-Methylphenol	7.16	107	338784	45.420	ng		98
18) Hexachloroethane	7.42	117	171720	44.598	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	255123	42.239	ng		98
20) 3+4-Methylphenols	7.30	107	427357	46.156	ng	#	87
22) Acetophenone	7.32	105	529371	48.392	ng	#	96
24) Nitrobenzene	7.49	77	422999	50.060	ng		97
25) Isophorone	7.73	82	796521	53.058	ng		98
26) 2-Nitrophenol	7.80	139	239208	58.162	ng		98
27) 2,4-Dimethylphenol	7.84	122	383468	60.003	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	427493	44.874	ng		99
29) 2,4-Dichlorophenol	8.05	162	324672	46.836	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	354448	44.081	ng		98
31) Naphthalene	8.22	128	1119556	49.322	ng		98
32) Benzoic acid	7.96	122	269514	50.367	ng		99
33) 4-Chloroaniline	8.26	127	161953	15.937	ng		98
34) Hexachlorobutadiene	8.33	225	204073	43.409	ng		100
35) Caprolactam	8.63	113	128161m	58.172	ng		
36) 4-Chloro-3-methylphenol	8.75	107	393849	55.983	ng		98
37) 2-Methylnaphthalene	8.91	142	851050	55.490	ng		98
38) 1-Methylnaphthalene	9.01	142	811043	55.936	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	384813	42.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	473598	94.146 ng	99
43) 2,4,6-Trichlorophenol	9.19	196	280147	43.572 ng	98
44) 2,4,5-Trichlorophenol	9.23	196	300866	45.069 ng	99
46) 1,1'-Biphenyl	9.37	154	1036902	45.216 ng	99
47) 2-Chloronaphthalene	9.40	162	826206	43.795 ng	97
48) 2-Nitroaniline	9.49	65	246074	43.205 ng	98
49) Acenaphthylene	9.82	152	1328913	48.316 ng	99
50) Dimethylphthalate	9.67	163	1207533	55.710 ng	99
51) 2,6-Dinitrotoluene	9.73	165	230347	48.625 ng	94
52) Acenaphthene	9.99	154	920119	52.222 ng	99
53) 3-Nitroaniline	9.90	138	139255	24.567 ng	95
54) 2,4-Dinitrophenol	10.02	184	249388	100.430 ng	93
55) Dibenzofuran	10.16	168	1169410	47.930 ng	99
56) 4-Nitrophenol	10.07	139	382392	90.376 ng	97
57) 2,4-Dinitrotoluene	10.15	165	312682	51.889 ng	87
58) Fluorene	10.51	166	803845	42.516 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	264170	48.162 ng	98
60) Diethylphthalate	10.37	149	980031	46.377 ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	395135	41.181 ng	99
62) 4-Nitroaniline	10.52	138	228635	40.284 ng	98
63) Azobenzene	10.66	77	896710	46.642 ng	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	168068	58.278 ng	84
66) n-Nitrosodiphenylamine	10.62	169	828673	46.092 ng	100
67) 4-Bromophenyl-phenylether	10.99	248	285750	42.870 ng	95
68) Hexachlorobenzene	11.06	284	338204	43.514 ng	98
69) Atrazine	11.15	200	285993	48.358 ng	99
70) Pentachlorophenol	11.25	266	389811	85.845 ng	98
71) Phenanthrene	11.47	178	1402541	45.157 ng	99
72) Anthracene	11.53	178	1455381	47.262 ng	99
73) Carbazole	11.68	167	1326407	49.291 ng	99
74) Di-n-butylphthalate	12.00	149	1556376	46.452 ng	100
75) Fluoranthene	12.67	202	1487353	54.111 ng	100
77) Benzidine	12.79	184	661493	44.652 ng	98
78) Pyrene	12.90	202	1496456	40.943 ng	99
80) Butylbenzylphthalate	13.51	149	600059	38.225 ng	93
81) Benzo(a)anthracene	14.09	228	1405997	47.045 ng	100
82) 3,3'-Dichlorobenzidine	14.04	252	334822	32.028 ng	98
83) Chrysene	14.13	228	1313745	45.364 ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	938851	49.331 ng	98
85) Di-n-octyl phthalate	14.69	149	1580312	56.522 ng	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1227048	49.784 ng	99
88) Benzo(b)fluoranthene	15.16	252	1255110	47.987 ng	99
89) Benzo(k)fluoranthene	15.19	252	1230362	49.925 ng	99
90) Benzo(a)pyrene	15.54	252	1142107	49.658 ng	99
91) Dibenzo(a,h)anthracene	17.16	278	1018321	51.440 ng	98
92) Benzo(g,h,i)perylene	17.60	276	1017910	51.625 ng	98

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

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