Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113624.D
Acq On : 5 Apr 2019 19:31
Operator : JU/SJ
Sample : K2193-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-AMS

Manual Integrations APPROVED
Sohil
4/8/2019 9:48:15 AM

Quant Time: Apr 06 01:21:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	117712	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	446376	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	224891	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	458684	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	324212	20.00	ng		-0.02
87) Perylene-d12	15.23	264	299807	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	737541	106.84	ng		0.02
7) Phenol-d6	6.35	99	902479	106.07	ng		0.00
23) Nitrobenzene-d5	7.25	82	610077	80.06	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	326405	120.82	ng		0.00
45) 2-Fluorobiphenyl	9.04	172	1176556	84.22	ng		-0.01
79) Terphenyl-d14	12.77	244	1362558	85.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	106581	32.599	ng	#	82
3) Pyridine	3.17	79	241263	28.198	ng		98
4) n-Nitrosodimethylamine	3.06	42	128690	35.400	ng		92
6) Aniline	6.36	93	43860	4.253	ng	#	1
8) 2-Chlorophenol	6.48	128	291241	36.466	ng		94
9) Benzaldehyde	6.23	77	157418	31.117	ng		99
10) Phenol	6.36	94	308960	31.796	ng	#	70
11) bis(2-Chloroethyl)ether	6.42	93	287618	38.051	ng		98
12) 1,3-Dichlorobenzene	6.63	146	290812	33.812	ng		96
13) 1,4-Dichlorobenzene	6.70	146	300411	34.563	ng		98
14) 1,2-Dichlorobenzene	6.86	146	278875	35.547	ng		96
15) Benzyl Alcohol	6.84	79	239950	41.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	426093	36.216	ng		55
17) 2-Methylphenol	6.96	107	228760	36.960	ng		93
18) Hexachloroethane	7.19	117	105508	33.350	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	206153	39.294	ng		98
20) 3+4-Methylphenols	7.12	107	311117	41.485	ng		91
22) Acetophenone	7.10	105	406479	41.461	ng	#	96
24) Nitrobenzene	7.27	77	300809	38.330	ng		97
25) Isophorone	7.51	82	570029	38.830	ng		98
26) 2-Nitrophenol	7.59	139	162422	38.454	ng		95
27) 2,4-Dimethylphenol	7.63	122	265707	44.003	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	360125	38.802	ng		99
29) 2,4-Dichlorophenol	7.84	162	264749	40.979	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	267723	38.159	ng		99
31) Naphthalene	7.99	128	853304	39.454	ng		99
32) Benzoic acid	7.77	122	63154	13.507	ng		96
33) 4-Chloroaniline	8.06	127	25539	2.978	ng		97
34) Hexachlorobutadiene	8.10	225	156813	36.660	ng		99
35) Caprolactam	8.42	113	69806m	34.038	ng		
36) 4-Chloro-3-methylphenol	8.55	107	262250	40.436	ng		99
37) 2-Methylnaphthalene	8.68	142	586054	41.200	ng		99
38) 1-Methylnaphthalene	8.77	142	550634	40.145	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	276624	38.033	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	158484	65.255	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	191629	41.740	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	200831	40.746	ng		97
46) 1,1'-Biphenyl	9.14	154	729060	39.286	ng		99
47) 2-Chloronaphthalene	9.16	162	552367	39.312	ng		100
48) 2-Nitroaniline	9.27	65	172966	40.230	ng		98
49) Acenaphthylene	9.57	152	895376	39.188	ng		100
50) Dimethylphthalate	9.44	163	671234	40.491	ng		99
51) 2,6-Dinitrotoluene	9.51	165	148535	40.648	ng		97
52) Acenaphthene	9.75	154	528868	40.437	ng		98
53) 3-Nitroaniline	9.68	138	25637	6.171	ng		89
54) 2,4-Dinitrophenol	9.80	184	51828	30.316	ng		90
55) Dibenzofuran	9.92	168	779589	40.635	ng		99
56) 4-Nitrophenol	9.87	139	157158	60.981	ng		94
57) 2,4-Dinitrotoluene	9.92	165	184051	41.646	ng	#	91
58) Fluorene	10.26	166	623335	41.079	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	177203	41.535	ng		97
60) Diethylphthalate	10.14	149	677034	42.360	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	317093	42.485	ng		97
62) 4-Nitroaniline	10.29	138	155290	36.758	ng		98
63) Azobenzene	10.42	77	609306	40.262	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	52195	21.615	ng		95
66) n-Nitrosodiphenylamine	10.37	169	571540	40.588	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	203266	39.513	ng		99
68) Hexachlorobenzene	10.82	284	231280	39.237	ng	#	93
69) Atrazine	10.90	200	178730	40.269	ng		97
70) Pentachlorophenol	11.02	266	165234	59.489	ng		99
71) Phenanthrene	11.22	178	925601	40.610	ng		99
72) Anthracene	11.27	178	959658	41.383	ng		99
73) Carbazole	11.43	167	888673	40.974	ng		99
74) Di-n-butylphthalate	11.76	149	1082855	41.970	ng		100
75) Fluoranthene	12.40	202	1007431	41.248	ng		99
77) Benzidine	12.53	184	193398	16.041	ng		97
78) Pyrene	12.63	202	987201	40.018	ng		100
80) Butylbenzylphthalate	13.24	149	438430	43.661	ng		97
81) Benzo(a)anthracene	13.82	228	734668	39.282	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	43550	6.046	ng		97
83) Chrysene	13.85	228	752199	39.675	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	567109	46.710	ng		98
85) Di-n-octyl phthalate	14.41	149	887255	44.958	ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	837545	47.848	ng		99
88) Benzo(b)fluoranthene	14.83	252	704448	38.386	ng		99
89) Benzo(k)fluoranthene	14.86	252	668051	40.561	ng		100
90) Benzo(a)pyrene	15.17	252	675080	41.397	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	707328	46.382	ng		99
92) Benzo(g,h,i)perylene	16.99	276	730347	46.921	ng		99

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

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