Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113831.D
Acq On : 18 Apr 2019 21:59
Operator : JU/SJ
Sample : K2441-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18-SMSD

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:47 AM

Quant Time: Apr 19 02:53:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172949	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	591924	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	260902	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	457555	20.00	ng		0.00
76) Chrysene-d12	14.04	240	476407	20.00	ng		0.00
87) Perylene-d12	15.52	264	567742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1127265	108.38	ng		0.01
7) Phenol-d6	6.52	99	1444879	111.39	ng		0.00
23) Nitrobenzene-d5	7.45	82	821283	84.49	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	344178	119.40	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1141040	66.70	ng		0.00
79) Terphenyl-d14	12.99	244	1259642	55.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	161397	31.184	ng		98
3) Pyridine	3.49	79	430085	30.202	ng		99
4) n-Nitrosodimethylamine	3.43	42	155174	31.222	ng		100
6) Aniline	6.56	93	365941	19.881	ng		100
8) 2-Chlorophenol	6.68	128	356373	30.529	ng		98
9) Benzaldehyde	6.44	77	126131	12.202	ng		96
10) Phenol	6.53	94	459805m	31.622	ng		
11) bis(2-Chloroethyl)ether	6.63	93	365957	31.003	ng		98
12) 1,3-Dichlorobenzene	6.84	146	414304	31.944	ng		99
13) 1,4-Dichlorobenzene	6.92	146	419388	32.321	ng		100
14) 1,2-Dichlorobenzene	7.07	146	388333	32.475	ng		98
15) Benzyl Alcohol	7.03	79	327168	31.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	437331	30.545	ng		100
17) 2-Methylphenol	7.14	107	288023	30.206	ng		99
18) Hexachloroethane	7.41	117	142939	30.717	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	257868	29.784	ng		99
20) 3+4-Methylphenols	7.29	107	363310	31.711	ng	#	85
22) Acetophenone	7.30	105	495243	36.722	ng		97
24) Nitrobenzene	7.47	77	383293	35.086	ng		97
25) Isophorone	7.71	82	675872	33.583	ng		99
26) 2-Nitrophenol	7.79	139	164254	37.847	ng		94
27) 2,4-Dimethylphenol	7.82	122	311138	37.549	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	433755	33.917	ng		99
29) 2,4-Dichlorophenol	8.03	162	294786	33.389	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	340721	34.743	ng		98
31) Naphthalene	8.20	128	980582	35.023	ng		100
32) Benzoic acid	7.91	122	135460m	27.564	ng		
33) 4-Chloroaniline	8.24	127	157918	13.295	ng		96
34) Hexachlorobutadiene	8.32	225	207669	34.659	ng		98
35) Caprolactam	8.59	113	82218	28.848	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	274900	31.401	ng		99
37) 2-Methylnaphthalene	8.89	142	636094	34.242	ng		99
38) 1-Methylnaphthalene	8.99	142	595492	33.036	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	318007	38.408	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	240947	52.938	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	198205	37.190	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	208820	36.307	ng		98
46) 1,1'-Biphenyl	9.35	154	760705	38.531	ng		99
47) 2-Chloronaphthalene	9.37	162	599723	37.107	ng		98
48) 2-Nitroaniline	9.46	65	155813	37.050	ng		91
49) Acenaphthylene	9.79	152	892380	35.303	ng		99
50) Dimethylphthalate	9.65	163	836690	45.825	ng		100
51) 2,6-Dinitrotoluene	9.70	165	142391	35.337	ng		98
52) Acenaphthene	9.96	154	534122	36.023	ng		99
53) 3-Nitroaniline	9.87	138	92979	21.791	ng		95
54) 2,4-Dinitrophenol	9.97	184	55586	42.144	ng	#	1
55) Dibenzofuran	10.13	168	792046	35.660	ng		99
56) 4-Nitrophenol	10.02	139	219069	63.090	ng		98
57) 2,4-Dinitrotoluene	10.10	165	173639	34.733	ng		98
58) Fluorene	10.47	166	573705	34.626	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	166951	34.017	ng		98
60) Diethylphthalate	10.35	149	620535	35.461	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	305259	35.978	ng		98
62) 4-Nitroaniline	10.47	138	113604	27.679	ng		97
63) Azobenzene	10.63	77	583440	32.446	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	41009	25.483	ng		95
66) n-Nitrosodiphenylamine	10.58	169	511933	36.910	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	192903	35.901	ng		96
68) Hexachlorobenzene	11.03	284	205010	34.694	ng		96
69) Atrazine	11.10	200	159010	37.055	ng		99
70) Pentachlorophenol	11.22	266	229704	68.571	ng		98
71) Phenanthrene	11.43	178	824968	35.401	ng		100
72) Anthracene	11.49	178	851201	36.248	ng		99
73) Carbazole	11.63	167	752593	35.298	ng		99
74) Di-n-butylphthalate	11.97	149	879384	37.059	ng		98
75) Fluoranthene	12.62	202	952638	38.573	ng		98
77) Benzidine	12.73	184	439310	27.800	ng		98
78) Pyrene	12.85	202	986346	29.377	ng		99
80) Butylbenzylphthalate	13.47	149	399362	32.109	ng		99
81) Benzo(a)anthracene	14.03	228	1012977	36.375	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	360273	36.398	ng		99
83) Chrysene	14.07	228	1027213	37.162	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	545096	36.634	ng		98
85) Di-n-octyl phthalate	14.64	149	1071945	46.432	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1058418	46.905	ng		99
88) Benzo(b)fluoranthene	15.09	252	1179368	33.322	ng		99
89) Benzo(k)fluoranthene	15.12	252	1120825	34.769	ng		99
90) Benzo(a)pyrene	15.46	252	1124179	35.921	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	902351	32.405	ng		100
92) Benzo(g,h,i)perylene	17.43	276	812539	28.708	ng		99

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

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