Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117031.D
Acq On : 13 Sep 2019 19:18
Operator : HP/JU
Sample : K4851-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:34 PM

Quant Time: Sep 14 00:51:35 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	66981	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270953	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	139473	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	235606	20.00	ng	0.00
76) Chrysene-d12	13.97	240	169554	20.00	ng	0.00
87) Perylene-d12	15.42	264	156450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	367007	85.54	ng	0.00
7) Phenol-d6	6.46	99	533902	96.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	327937	63.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	103402	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	559626	62.74	ng	0.00
79) Terphenyl-d14	12.92	244	547780	60.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	59480	33.132	ng	98
3) Pyridine	3.34	79	142324	28.964	ng	97
4) n-Nitrosodimethylamine	3.28	42	56719	33.636	ng	99
6) Aniline	6.48	93	174590	24.457	ng	96
8) 2-Chlorophenol	6.61	128	172163	37.198	ng	98
9) Benzaldehyde	6.37	77	101537	35.617	ng	98
10) Phenol	6.47	94	241460	39.504	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	159991	35.614	ng	97
12) 1,3-Dichlorobenzene	6.76	146	177868	34.248	ng	98
13) 1,4-Dichlorobenzene	6.84	146	183019	34.531	ng	98
14) 1,2-Dichlorobenzene	6.99	146	169090	34.266	ng	97
15) Benzyl Alcohol	6.96	79	156025	36.696	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152748	34.416	ng	99
17) 2-Methylphenol	7.07	107	143229	36.925	ng	97
18) Hexachloroethane	7.33	117	69747	34.207	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	123434	36.560	ng	99
20) 3+4-Methylphenols	7.23	107	180130	37.281	ng	96
22) Acetophenone	7.23	105	249686	36.270	ng	99
24) Nitrobenzene	7.40	77	190152	37.339	ng	94
25) Isophorone	7.64	82	338339	37.055	ng	99
26) 2-Nitrophenol	7.72	139	87507	40.004	ng	97
27) 2,4-Dimethylphenol	7.76	122	147988	42.662	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	203496	36.174	ng	99
29) 2,4-Dichlorophenol	7.96	162	138881	38.210	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	138563	35.286	ng	97
31) Naphthalene	8.12	128	485746	37.276	ng	100
32) Benzoic acid	7.87	122	63712	27.577	ng	98
33) 4-Chloroaniline	8.17	127	88679	15.343	ng	98
34) Hexachlorobutadiene	8.25	225	77235	34.667	ng	97
35) Caprolactam	8.53	113	47374m	38.507	ng	
36) 4-Chloro-3-methylphenol	8.66	107	165890	39.142	ng	98
37) 2-Methylnaphthalene	8.82	142	331545	37.783	ng	97
38) 1-Methylnaphthalene	8.92	142	306793	37.329	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	128663	35.724	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123368	77.739	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	92041	37.658	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	99648	38.160	ng		98
46) 1,1'-Biphenyl	9.27	154	398878	36.460	ng		99
47) 2-Chloronaphthalene	9.30	162	309702	35.869	ng		99
48) 2-Nitroaniline	9.39	65	98204	35.460	ng		94
49) Acenaphthylene	9.72	152	495243	38.289	ng		100
50) Dimethylphthalate	9.57	163	428898	43.431	ng		98
51) 2,6-Dinitrotoluene	9.63	165	78112	38.837	ng		86
52) Acenaphthene	9.89	154	280330	36.561	ng		99
53) 3-Nitroaniline	9.80	138	59837	23.580	ng		95
54) 2,4-Dinitrophenol	9.92	184	53854	64.072	ng		98
55) Dibenzofuran	10.06	168	433312	38.303	ng		97
56) 4-Nitrophenol	9.97	139	128834	78.334	ng		93
57) 2,4-Dinitrotoluene	10.04	165	106334	40.729	ng		97
58) Fluorene	10.40	166	346080	37.978	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77346	38.706	ng		99
60) Diethylphthalate	10.27	149	364533	37.520	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	146976	37.277	ng		99
62) 4-Nitroaniline	10.42	138	99885	37.849	ng		97
63) Azobenzene	10.55	77	377829	38.076	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	41561	40.050	ng		90
66) n-Nitrosodiphenylamine	10.51	169	303733	37.328	ng		97
67) 4-Bromophenyl-phenylether	10.88	248	85053	35.349	ng		94
68) Hexachlorobenzene	10.95	284	91409	34.734	ng		95
69) Atrazine	11.03	200	86134	41.719	ng		96
70) Pentachlorophenol	11.15	266	93337	75.662	ng		94
71) Phenanthrene	11.36	178	496507	37.102	ng		99
72) Anthracene	11.41	178	527158	38.585	ng		99
73) Carbazole	11.56	167	499500	38.517	ng		99
74) Di-n-butylphthalate	11.89	149	589471	38.204	ng		99
75) Fluoranthene	12.55	202	523364	38.062	ng		98
77) Benzidine	12.66	184	246725	45.173	ng		99
78) Pyrene	12.77	202	529318	37.206	ng		99
80) Butylbenzylphthalate	13.39	149	254688	37.886	ng		96
81) Benzo(a)anthracene	13.96	228	407350	35.959	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	74925	20.525	ng		94
83) Chrysene	14.00	228	412314	37.318	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336679	38.843	ng		99
85) Di-n-octyl phthalate	14.56	149	529026	38.779	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	332514	41.252	ng		99
88) Benzo(b)fluoranthene	15.00	252	345218m	36.428	ng		
89) Benzo(k)fluoranthene	15.03	252	318822	35.515	ng	#	97
90) Benzo(a)pyrene	15.36	252	313831	37.738	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	273829	41.334	ng		99
92) Benzo(g,h,i)perylene	17.29	276	282224	42.751	ng		99

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

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