Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117032.D
Acq On : 13 Sep 2019 19:45
Operator : HP/JU
Sample : K4851-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:36 PM

Quant Time: Sep 14 00:56:32 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	67673	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270004	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	140174	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	238207	20.00	ng	0.00
76) Chrysene-d12	13.97	240	169545	20.00	ng	0.00
87) Perylene-d12	15.42	264	159896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	492987	113.73	ng	0.00
7) Phenol-d6	6.46	99	701427	125.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	434394	84.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	146811	125.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	739300	82.47	ng	0.00
79) Terphenyl-d14	12.92	244	717183	79.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	67850	37.408	ng	98
3) Pyridine	3.34	79	165070	33.250	ng	97
4) n-Nitrosodimethylamine	3.27	42	65907	38.685	ng	98
6) Aniline	6.49	93	201590	27.951	ng	98
8) 2-Chlorophenol	6.61	128	191724	41.001	ng	99
9) Benzaldehyde	6.37	77	118423	43.022	ng	96
10) Phenol	6.47	94	272435	44.116	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	184353	40.617	ng	97
12) 1,3-Dichlorobenzene	6.76	146	199917	38.100	ng	100
13) 1,4-Dichlorobenzene	6.84	146	208106	38.863	ng	100
14) 1,2-Dichlorobenzene	6.99	146	193830	38.878	ng	97
15) Benzyl Alcohol	6.96	79	179872	41.872	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	174239	38.856	ng	98
17) 2-Methylphenol	7.08	107	161538	41.219	ng	98
18) Hexachloroethane	7.33	117	78241	37.980	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	140823	41.284	ng	96
20) 3+4-Methylphenols	7.23	107	201883	41.356	ng	95
22) Acetophenone	7.23	105	283343	41.304	ng	97
24) Nitrobenzene	7.40	77	219061	43.167	ng	97
25) Isophorone	7.64	82	387289	42.566	ng	98
26) 2-Nitrophenol	7.72	139	99190	45.505	ng	98
27) 2,4-Dimethylphenol	7.76	122	166718	48.230	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	233313	41.620	ng	99
29) 2,4-Dichlorophenol	7.96	162	158626	43.795	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	156288	39.940	ng	98
31) Naphthalene	8.13	128	544908	41.963	ng	100
32) Benzoic acid	7.88	122	80895	33.329	ng	97
33) 4-Chloroaniline	8.17	127	89126	15.475	ng	99
34) Hexachlorobutadiene	8.25	225	87647	39.479	ng	99
35) Caprolactam	8.53	113	52615m	42.918	ng	
36) 4-Chloro-3-methylphenol	8.66	107	187934	44.499	ng	97
37) 2-Methylnaphthalene	8.82	142	374846	42.867	ng	100
38) 1-Methylnaphthalene	8.92	142	350419	42.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	148338	40.981	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	139581	86.529	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	103227	42.023	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	111912	42.642	ng		98
46) 1,1'-Biphenyl	9.27	154	447004	40.654	ng		99
47) 2-Chloronaphthalene	9.30	162	348574	40.169	ng		98
48) 2-Nitroaniline	9.40	65	112934	40.575	ng		95
49) Acenaphthylene	9.72	152	567434	43.650	ng		100
50) Dimethylphthalate	9.57	163	544383	54.850	ng		100
51) 2,6-Dinitrotoluene	9.64	165	89732	44.391	ng		98
52) Acenaphthene	9.89	154	318853	41.378	ng		99
53) 3-Nitroaniline	9.80	138	63593	24.935	ng		97
54) 2,4-Dinitrophenol	9.92	184	68038	78.186	ng		98
55) Dibenzofuran	10.06	168	497612	43.767	ng		97
56) 4-Nitrophenol	9.97	139	150275	90.913	ng		98
57) 2,4-Dinitrotoluene	10.05	165	121955	46.479	ng		94
58) Fluorene	10.40	166	396409	43.283	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	88881	44.256	ng		98
60) Diethylphthalate	10.27	149	420424	43.057	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	169033	42.657	ng		100
62) 4-Nitroaniline	10.42	138	114163	43.043	ng		99
63) Azobenzene	10.55	77	430236	43.141	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49788	46.178	ng		99
66) n-Nitrosodiphenylamine	10.51	169	346959	42.175	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	101611	41.769	ng		96
68) Hexachlorobenzene	10.95	284	104899	39.425	ng	#	92
69) Atrazine	11.03	200	101212	51.359	ng		99
70) Pentachlorophenol	11.15	266	112835	90.469	ng		99
71) Phenanthrene	11.36	178	564572	41.727	ng		99
72) Anthracene	11.41	178	602614	43.626	ng		99
73) Carbazole	11.57	167	565259	43.112	ng		99
74) Di-n-butylphthalate	11.89	149	687925	44.098	ng		99
75) Fluoranthene	12.54	202	595200	42.814	ng		99
77) Benzidine	12.66	184	288942	52.905	ng		99
78) Pyrene	12.77	202	607906	42.732	ng		99
80) Butylbenzylphthalate	13.39	149	291271	43.331	ng		99
81) Benzo(a)anthracene	13.96	228	480119	42.385	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	86498	23.697	ng		97
83) Chrysene	14.00	228	470146	42.555	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	399177	46.056	ng		99
85) Di-n-octyl phthalate	14.56	149	626089	45.896	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	389124	48.277	ng		99
88) Benzo(b)fluoranthene	15.00	252	384150	39.662	ng		99
89) Benzo(k)fluoranthene	15.03	252	388237	42.316	ng		99
90) Benzo(a)pyrene	15.36	252	367488	43.238	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	322326	47.606	ng		99
92) Benzo(g,h,i)perylene	17.29	276	330414	48.972	ng		98

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

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