Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118286.D
Acq On : 19 Dec 2019 18:29
Operator : JU
Sample : K6317-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Manual Integrations APPROVED
Sohil
12/20/2019 4:26:21 PM

Quant Time: Dec 20 04:10:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	110839	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	435494	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	232486	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	451569	20.00	ng		0.00
76) Chrysene-d12	14.06	240	323482	20.00	ng		-0.01
87) Perylene-d12	15.54	264	290187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	836374	132.16	ng		0.01
7) Phenol-d6	6.50	99	964722	126.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	706194	91.23	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	424195	150.20	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1457918	95.42	ng		-0.01
79) Terphenyl-d14	12.99	244	1894036	100.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	96598	36.201	ng	#	84
3) Pyridine	3.49	79	166391	24.169	ng		98
4) n-Nitrosodimethylamine	3.41	42	130304	43.998	ng		98
6) Aniline	6.53	93	99320	10.144	ng	#	89
8) 2-Chlorophenol	6.65	128	344138	48.227	ng		98
9) Benzaldehyde	6.41	77	183336	49.392	ng		95
10) Phenol	6.51	94	334521	38.322	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	300744	47.636	ng		96
12) 1,3-Dichlorobenzene	6.80	146	364939	43.780	ng		96
13) 1,4-Dichlorobenzene	6.88	146	375413	44.725	ng		97
14) 1,2-Dichlorobenzene	7.03	146	357114	45.304	ng		98
15) Benzyl Alcohol	7.00	79	286874	48.012	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	343913	45.306	ng		91
17) 2-Methylphenol	7.12	107	266728	46.997	ng		97
18) Hexachloroethane	7.37	117	136018	43.977	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	228619	49.153	ng		98
20) 3+4-Methylphenols	7.27	107	338659	47.506	ng		93
22) Acetophenone	7.27	105	479006	45.783	ng	#	95
24) Nitrobenzene	7.45	77	351345	46.196	ng		99
25) Isophorone	7.69	82	627607	47.826	ng		99
26) 2-Nitrophenol	7.76	139	194315	47.801	ng		94
27) 2,4-Dimethylphenol	7.80	122	298900	55.124	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	387630	45.206	ng		99
29) 2,4-Dichlorophenol	8.01	162	298996	47.300	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	326997	44.265	ng		100
31) Naphthalene	8.17	128	1044344	47.749	ng		100
32) Benzoic acid	7.94	122	169932	34.709	ng		98
33) 4-Chloroaniline	8.22	127	64610	6.842	ng		99
34) Hexachlorobutadiene	8.29	225	189204	42.712	ng		99
35) Caprolactam	8.60	113	71301m	36.576	ng		
36) 4-Chloro-3-methylphenol	8.71	107	321365	48.310	ng		98
37) 2-Methylnaphthalene	8.86	142	727367	49.123	ng		100
38) 1-Methylnaphthalene	8.96	142	677553	48.734	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	313100	44.456	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304758	96.579 ng	100
43) 2,4,6-Trichlorophenol	9.15	196	219692	46.719 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	235667	48.373 ng	98
46) 1,1'-Biphenyl	9.33	154	867095	47.289 ng	100
47) 2-Chloronaphthalene	9.36	162	672678	45.607 ng	98
48) 2-Nitroaniline	9.46	65	188919	44.915 ng	92
49) Acenaphthylene	9.77	152	1065705	48.988 ng	99
50) Dimethylphthalate	9.63	163	815573	47.493 ng	99
51) 2,6-Dinitrotoluene	9.70	165	180835	48.429 ng	97
52) Acenaphthene	9.95	154	622042	46.847 ng	98
53) 3-Nitroaniline	9.87	138	71852	16.351 ng	94
54) 2,4-Dinitrophenol	9.98	184	177183	95.376 ng	98
55) Dibenzofuran	10.12	168	951860	48.923 ng	99
56) 4-Nitrophenol	10.05	139	260421	85.393 ng	90
57) 2,4-Dinitrotoluene	10.11	165	246989	49.557 ng	94
58) Fluorene	10.46	166	756275	48.912 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203625	50.661 ng	98
60) Diethylphthalate	10.33	149	820497	48.495 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	366998	47.174 ng	98
62) 4-Nitroaniline	10.49	138	183213	39.975 ng	96
63) Azobenzene	10.61	77	704085	48.748 ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	125824	50.455 ng	90
66) n-Nitrosodiphenylamine	10.57	169	673505	47.761 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	235342	45.655 ng	95
68) Hexachlorobenzene	11.02	284	271796	44.797 ng	94
69) Atrazine	11.10	200	232084	Below Cal	98
70) Pentachlorophenol	11.21	266	278291	97.534 ng	97
71) Phenanthrene	11.43	178	1151068	47.951 ng	100
72) Anthracene	11.48	178	1184050	49.445 ng	99
73) Carbazole	11.64	167	1039286	48.372 ng	99
74) Di-n-butylphthalate	11.96	149	1308594	48.666 ng	99
75) Fluoranthene	12.62	202	1210430	49.319 ng	97
77) Benzidine	12.74	184	62964	7.394 ng	99
78) Pyrene	12.85	202	1218833	47.813 ng	99
80) Butylbenzylphthalate	13.46	149	556232	48.180 ng	99
81) Benzo(a)anthracene	14.04	228	1068034	47.749 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	182199	24.802 ng	98
83) Chrysene	14.09	228	1007254	47.142 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	772572	50.750 ng	99
85) Di-n-octyl phthalate	14.64	149	1222053	52.994 ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	936729	52.105 ng	99
88) Benzo(b)fluoranthene	15.11	252	870194	45.341 ng	98
89) Benzo(k)fluoranthene	15.14	252	898266m	48.720 ng	
90) Benzo(a)pyrene	15.49	252	779999	46.017 ng	99
91) Dibenzo(a,h)anthracene	17.07	278	784437	53.956 ng	99
92) Benzo(g,h,i)perylene	17.52	276	791481	56.654 ng	98

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

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