Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116928.D
Acq On : 10 Sep 2019 18:27
Operator : HP/JU
Sample : K4656-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MSD

Manual Integrations APPROVED
mohammad
9/16/2019 8:57:01 AM

Quant Time: Sep 11 01:13:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87576	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	341229	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	173565	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	280627	20.00	ng	0.00
76) Chrysene-d12	13.99	240	185705	20.00	ng	0.00
87) Perylene-d12	15.43	264	164589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	639110	118.23	ng	0.02
7) Phenol-d6	6.48	99	798428	112.48	ng	0.00
23) Nitrobenzene-d5	7.40	82	594777	99.51	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	207715	179.02	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1013649	98.52	ng	0.00
79) Terphenyl-d14	12.93	244	1010287	100.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	88522	35.474	ng	# 82
3) Pyridine	3.46	79	150582	20.841	ng	92
4) n-Nitrosodimethylamine	3.38	42	95315	38.417	ng	91
6) Aniline	6.50	93	91956	9.353	ng	# 92
8) 2-Chlorophenol	6.63	128	270989	45.922	ng	98
9) Benzaldehyde	6.38	77	40991	8.765	ng	97
10) Phenol	6.49	94	303688	38.636	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	261834	42.781	ng	97
12) 1,3-Dichlorobenzene	6.78	146	264181	39.610	ng	97
13) 1,4-Dichlorobenzene	6.85	146	269200	40.542	ng	99
14) 1,2-Dichlorobenzene	7.01	146	256695	41.716	ng	97
15) Benzyl Alcohol	6.98	79	254164	44.111	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	248378	34.590	ng	82
17) 2-Methylphenol	7.09	107	222137	43.001	ng	98
18) Hexachloroethane	7.35	117	103316	40.049	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	202915	43.416	ng	93
20) 3+4-Methylphenols	7.25	107	276837	46.090	ng	# 72
22) Acetophenone	7.25	105	406368	49.466	ng	95
24) Nitrobenzene	7.42	77	319333	52.529	ng	98
25) Isophorone	7.66	82	559420	46.187	ng	98
26) 2-Nitrophenol	7.73	139	144827	64.079	ng	97
27) 2,4-Dimethylphenol	7.77	122	240507	52.690	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	333124	45.007	ng	99
29) 2,4-Dichlorophenol	7.97	162	229746	52.374	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	219934	46.225	ng	95
31) Naphthalene	8.14	128	792154	48.821	ng	99
32) Benzoic acid	7.89	122	97112	37.679	ng	100
33) 4-Chloroaniline	8.19	127	56000	7.582	ng	97
34) Hexachlorobutadiene	8.26	225	121031	46.654	ng	98
35) Caprolactam	8.56	113	54003m	32.895	ng	
36) 4-Chloro-3-methylphenol	8.67	107	270187	53.590	ng	98
37) 2-Methylnaphthalene	8.83	142	536503	49.695	ng	98
38) 1-Methylnaphthalene	8.93	142	494446	48.517	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	208794	50.183	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	214924	89.453	ng		100
43) 2,4,6-Trichlorophenol	9.11	196	151908	53.261	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	167080	56.427	ng		98
46) 1,1'-Biphenyl	9.29	154	635103	48.222	ng		98
47) 2-Chloronaphthalene	9.32	162	502828	48.203	ng		97
48) 2-Nitroaniline	9.41	65	157475	52.218	ng		97
49) Acenaphthylene	9.73	152	789388	50.061	ng		99
50) Dimethylphthalate	9.59	163	644171	53.758	ng		99
51) 2,6-Dinitrotoluene	9.65	165	134223	58.709	ng		98
52) Acenaphthene	9.90	154	462660	47.753	ng		99
53) 3-Nitroaniline	9.82	138	75250	26.264	ng		93
54) 2,4-Dinitrophenol	9.93	184	85614	102.651	ng		96
55) Dibenzofuran	10.07	168	686627	50.272	ng		96
56) 4-Nitrophenol	9.99	139	204820	104.258	ng		94
57) 2,4-Dinitrotoluene	10.06	165	182839	65.404	ng		96
58) Fluorene	10.42	166	559782	53.789	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	128625	60.190	ng		95
60) Diethylphthalate	10.29	149	600664	50.042	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	240667	52.810	ng		98
62) 4-Nitroaniline	10.44	138	140693	50.600	ng		95
63) Azobenzene	10.57	77	615939	49.212	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	66304	61.645	ng		84
66) n-Nitrosodiphenylamine	10.53	169	495476	51.039	ng		96
67) 4-Bromophenyl-phenylether	10.90	248	142066	49.834	ng		95
68) Hexachlorobenzene	10.97	284	145902	48.917	ng		93
69) Atrazine	11.05	200	121319	44.620	ng		98
70) Pentachlorophenol	11.16	266	169293	117.332	ng		99
71) Phenanthrene	11.38	178	800499	51.243	ng		99
72) Anthracene	11.43	178	823718	52.382	ng		100
73) Carbazole	11.58	167	772236	51.554	ng		100
74) Di-n-butylphthalate	11.91	149	946583	49.293	ng		99
75) Fluoranthene	12.56	202	809620	52.737	ng		98
77) Benzidine	12.69	184	6627	0.910	ng	#	1
78) Pyrene	12.79	202	806587	48.861	ng		99
80) Butylbenzylphthalate	13.40	149	392823	48.933	ng		99
81) Benzo(a)anthracene	13.98	228	593408	50.489	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	63528	15.994	ng		98
83) Chrysene	14.02	228	587724	48.537	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	549236	55.424	ng		100
85) Di-n-octyl phthalate	14.57	149	851924	52.533	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	509680	52.404	ng		97
88) Benzo(b)fluoranthene	15.02	252	517638	52.020	ng		99
89) Benzo(k)fluoranthene	15.04	252	441313	48.641	ng		99
90) Benzo(a)pyrene	15.38	252	448288	51.781	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	424174	55.976	ng		99
92) Benzo(g,h,i)perylene	17.33	276	429131	55.527	ng		98

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

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