Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116906.D
Acq On : 9 Sep 2019 19:39
Operator : HP/JU
Sample : K4752-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMPMS

Manual Integrations APPROVED
mohammad
9/12/2019 9:28:08 AM

Quant Time: Sep 10 03:29:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	73696	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	300172	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	163003	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	280869	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	233803	20.00	ng		-0.01
87) Perylene-d12	15.44	264	230632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	395438	86.93	ng		0.00
7) Phenol-d6	6.47	99	552547	92.50	ng		-0.01
23) Nitrobenzene-d5	7.39	82	338521	64.38	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	130917	120.14	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	608405	62.96	ng		-0.02
79) Terphenyl-d14	12.93	244	678433	53.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	70569	33.606	ng		93
3) Pyridine	3.33	79	166354	27.361	ng		93
4) n-Nitrosodimethylamine	3.27	42	70466	33.751	ng		86
6) Aniline	6.49	93	224533	27.140	ng		94
8) 2-Chlorophenol	6.62	128	213149	42.923	ng		98
9) Benzaldehyde	6.38	77	132129	33.575	ng		98
10) Phenol	6.49	94	279228	42.215	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	194918	37.846	ng		98
12) 1,3-Dichlorobenzene	6.77	146	213465	38.034	ng		97
13) 1,4-Dichlorobenzene	6.85	146	218474	39.100	ng		100
14) 1,2-Dichlorobenzene	7.00	146	204749	39.541	ng		95
15) Benzyl Alcohol	6.97	79	196375	40.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	191028	31.614	ng		89
17) 2-Methylphenol	7.09	107	179366	41.261	ng		97
18) Hexachloroethane	7.35	117	82396	37.955	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	154341	39.242	ng		92
20) 3+4-Methylphenols	7.24	107	225639	44.642	ng	#	72
22) Acetophenone	7.24	105	307236	42.514	ng		96
24) Nitrobenzene	7.42	77	237868	44.480	ng		94
25) Isophorone	7.66	82	429081	40.271	ng		99
26) 2-Nitrophenol	7.73	139	108051	54.346	ng		96
27) 2,4-Dimethylphenol	7.77	122	185647	46.234	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	256054	39.326	ng		100
29) 2,4-Dichlorophenol	7.97	162	175384	45.450	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	172302	41.167	ng		96
31) Naphthalene	8.14	128	608092	42.603	ng		99
32) Benzoic acid	7.89	122	93162	41.091	ng		98
33) 4-Chloroaniline	8.18	127	95403	14.684	ng		99
34) Hexachlorobutadiene	8.26	225	94614	41.459	ng		97
35) Caprolactam	8.55	113	61276m	42.431	ng		
36) 4-Chloro-3-methylphenol	8.67	107	215028	48.483	ng		99
37) 2-Methylnaphthalene	8.83	142	421434	44.376	ng		97
38) 1-Methylnaphthalene	8.93	142	390907	43.604	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	162265	41.527	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	180022	79.781	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	121000	45.173	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	134381	48.324	ng		98
46) 1,1'-Biphenyl	9.29	154	507735	41.050	ng		98
47) 2-Chloronaphthalene	9.32	162	398959	40.724	ng		99
48) 2-Nitroaniline	9.41	65	131486	46.425	ng		98
49) Acenaphthylene	9.73	152	636371	42.972	ng		98
50) Dimethylphthalate	9.59	163	527777	46.898	ng		99
51) 2,6-Dinitrotoluene	9.65	165	106666	49.679	ng		96
52) Acenaphthene	9.90	154	375414	41.259	ng		99
53) 3-Nitroaniline	9.82	138	80285	29.837	ng	#	87
54) 2,4-Dinitrophenol	9.93	184	79038	101.060	ng		94
55) Dibenzofuran	10.07	168	569448	44.394	ng		96
56) 4-Nitrophenol	9.99	139	186721	101.204	ng		94
57) 2,4-Dinitrotoluene	10.06	165	147932	56.346	ng		99
58) Fluorene	10.42	166	455781	46.633	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	106015	52.824	ng		97
60) Diethylphthalate	10.29	149	490238	43.489	ng		97
61) 4-Chlorophenyl-phenylether	10.41	204	197712	46.196	ng		99
62) 4-Nitroaniline	10.43	138	135498	51.889	ng		97
63) Azobenzene	10.57	77	513507	43.686	ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	62047	58.122	ng		93
66) n-Nitrosodiphenylamine	10.53	169	410649	42.264	ng		97
67) 4-Bromophenyl-phenylether	10.90	248	117523	41.189	ng		93
68) Hexachlorobenzene	10.97	284	126421	42.349	ng		98
69) Atrazine	11.05	200	119899	44.060	ng		98
70) Pentachlorophenol	11.16	266	142659	98.787	ng		97
71) Phenanthrene	11.38	178	685962	43.874	ng		100
72) Anthracene	11.43	178	712177	45.250	ng		99
73) Carbazole	11.58	167	691838	46.147	ng		100
74) Di-n-butylphthalate	11.91	149	828016	43.082	ng		99
75) Fluoranthene	12.56	202	750361	48.835	ng		99
77) Benzidine	12.68	184	407415	44.428	ng		100
78) Pyrene	12.79	202	765735	36.843	ng		99
80) Butylbenzylphthalate	13.40	149	383074	37.902	ng		98
81) Benzo(a)anthracene	13.98	228	646919	43.719	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	132575	26.512	ng		99
83) Chrysene	14.02	228	631862	41.448	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	529172	42.414	ng		99
85) Di-n-octyl phthalate	14.57	149	925772	45.343	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	535380	43.722	ng		98
88) Benzo(b)fluoranthene	15.02	252	599787	43.015	ng		100
89) Benzo(k)fluoranthene	15.05	252	533166	41.937	ng		100
90) Benzo(a)pyrene	15.38	252	532211	43.871	ng		100
91) Dibenzo(a,h)anthracene	16.90	278	438375	41.284	ng		95
92) Benzo(g,h,i)perylene	17.33	276	440721	40.696	ng		98

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

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