Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116665.D
Acq On : 30 Aug 2019 22:20
Operator : HP/JU
Sample : K4591-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-35-37MS

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:21 PM

Quant Time: Aug 31 04:07:50 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	6.85	152	104200	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	400099	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	207278	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	348574	20.00	ng		0.00
76) Chrysene-d12	14.00	240	252856	20.00	ng		0.00
87) Perylene-d12	15.44	264	254691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1214951	188.90	ng		0.01
7) Phenol-d6	6.49	99	1667368	197.42	ng		0.00
23) Nitrobenzene-d5	7.41	82	1052670	150.20	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	311610	224.88	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1652051	134.45	ng		0.00
79) Terphenyl-d14	12.95	244	1693813	123.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	120088	40.446	ng		99
3) Pyridine	3.39	79	305506	35.538	ng		94
4) n-Nitrosodimethylamine	3.32	42	127745	43.273	ng	#	75
6) Aniline	6.52	93	276573	23.643	ng		97
8) 2-Chlorophenol	6.64	128	319906	45.562	ng		100
9) Benzaldehyde	6.39	77	235560	42.335	ng		99
10) Phenol	6.50	94	448238	47.929	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	318241	43.702	ng		99
12) 1,3-Dichlorobenzene	6.79	146	338961	42.714	ng		96
13) 1,4-Dichlorobenzene	6.87	146	342845	43.396	ng		98
14) 1,2-Dichlorobenzene	7.02	146	316570	43.238	ng		97
15) Benzyl Alcohol	6.99	79	323105	47.129	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	359344	42.060	ng		98
17) 2-Methylphenol	7.10	107	279817	45.525	ng		97
18) Hexachloroethane	7.36	117	130067	42.375	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	248176	44.628	ng		91
20) 3+4-Methylphenols	7.25	107	336658	47.108	ng	#	85
22) Acetophenone	7.26	105	463963	48.167	ng	#	92
24) Nitrobenzene	7.43	77	360702	50.604	ng		97
25) Isophorone	7.67	82	686384	48.331	ng		99
26) 2-Nitrophenol	7.75	139	155524	58.687	ng		91
27) 2,4-Dimethylphenol	7.78	122	296348	55.371	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	415201	47.842	ng		98
29) 2,4-Dichlorophenol	7.99	162	266083	51.733	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	257456	46.149	ng		97
31) Naphthalene	8.15	128	944554	49.648	ng		99
32) Benzoic acid	7.85	122	40914	13.539	ng		99
33) 4-Chloroaniline	8.19	127	80623	9.310	ng		96
34) Hexachlorobutadiene	8.27	225	139769	45.949	ng		98
35) Caprolactam	8.56	113	94839m	49.270	ng		
36) 4-Chloro-3-methylphenol	8.68	107	313304	52.999	ng		97
37) 2-Methylnaphthalene	8.85	142	635044	50.168	ng		96
38) 1-Methylnaphthalene	8.94	142	595327	49.820	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	225970	45.477	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	261992	91.307	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	170547	50.071	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	180881	51.152	ng	#	93
46) 1,1'-Biphenyl	9.30	154	747019	47.495	ng		96
47) 2-Chloronaphthalene	9.33	162	594037	47.685	ng		99
48) 2-Nitroaniline	9.42	65	191392	53.142	ng		100
49) Acenaphthylene	9.75	152	942130	50.030	ng		99
50) Dimethylphthalate	9.60	163	737364	51.526	ng		99
51) 2,6-Dinitrotoluene	9.66	165	151115	55.347	ng		90
52) Acenaphthene	9.92	154	564345	48.774	ng		98
53) 3-Nitroaniline	9.83	138	79021	23.094	ng		99
54) 2,4-Dinitrophenol	9.93	184	49211	54.096	ng		93
55) Dibenzofuran	10.09	168	820165	50.282	ng		97
56) 4-Nitrophenol	9.99	139	262061	111.698	ng		90
57) 2,4-Dinitrotoluene	10.06	165	201207	60.268	ng		91
58) Fluorene	10.43	166	621674	50.020	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	137617	53.923	ng		94
60) Diethylphthalate	10.30	149	705667	49.228	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	264110	48.528	ng		91
62) 4-Nitroaniline	10.45	138	174632	52.591	ng		94
63) Azobenzene	10.58	77	756046	50.581	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	65289	50.413	ng		88
66) n-Nitrosodiphenylamine	10.54	169	582062	48.270	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	164075	46.335	ng		97
68) Hexachlorobenzene	10.98	284	168818	45.567	ng		96
69) Atrazine	11.06	200	165445	48.988	ng		97
70) Pentachlorophenol	11.17	266	172780	96.406	ng		99
71) Phenanthrene	11.39	178	929222	47.889	ng		99
72) Anthracene	11.44	178	977248	50.031	ng		99
73) Carbazole	11.59	167	927601	49.855	ng		100
74) Di-n-butylphthalate	11.93	149	1154374	48.396	ng		99
75) Fluoranthene	12.57	202	976128	51.189	ng		97
77) Benzidine	12.69	184	348381	35.127	ng		99
78) Pyrene	12.80	202	1009165	44.897	ng		98
80) Butylbenzylphthalate	13.42	149	516857	47.285	ng		96
81) Benzo(a)anthracene	13.99	228	745220	46.567	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	177790	32.874	ng	#	96
83) Chrysene	14.03	228	787002	47.734	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	677839	50.236	ng		99
85) Di-n-octyl phthalate	14.59	149	1200187	54.354	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	687654	51.926	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	753462m	48.932	ng		
89) Benzo(k)fluoranthene	15.06	252	635020	45.230	ng		99
90) Benzo(a)pyrene	15.39	252	652036	48.672	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	564042	48.101	ng	#	95
92) Benzo(g,h,i)perylene	17.33	276	583856	48.821	ng	#	91

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

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