Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116666.D
Acq On : 30 Aug 2019 22:48
Operator : HP/JU
Sample : K4591-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:25 PM

Quant Time: Aug 31 04:13:27 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	98112	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	397205	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	207799	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	351458	20.00	ng		0.00
76) Chrysene-d12	14.00	240	263663	20.00	ng		0.00
87) Perylene-d12	15.45	264	278121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	858927	141.83	ng		0.00
7) Phenol-d6	6.48	99	1190786	149.74	ng		0.00
23) Nitrobenzene-d5	7.41	82	733895	105.48	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	230478	165.91	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1202802	97.64	ng		0.00
79) Terphenyl-d14	12.94	244	1232948	86.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	120256	43.016	ng		99
3) Pyridine	3.36	79	315936	39.031	ng		94
4) n-Nitrosodimethylamine	3.29	42	132282	47.591	ng		79
6) Aniline	6.51	93	400039	36.320	ng		97
8) 2-Chlorophenol	6.63	128	338751	51.240	ng		95
9) Benzaldehyde	6.39	77	242908	46.365	ng		99
10) Phenol	6.49	94	490754	55.731	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	334641	48.806	ng		97
12) 1,3-Dichlorobenzene	6.79	146	349128	46.726	ng		96
13) 1,4-Dichlorobenzene	6.86	146	358097	48.139	ng		98
14) 1,2-Dichlorobenzene	7.02	146	329653	47.819	ng		97
15) Benzyl Alcohol	6.99	79	329868	51.102	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	377318	46.904	ng		98
17) 2-Methylphenol	7.10	107	293561	50.725	ng		97
18) Hexachloroethane	7.36	117	135854	47.006	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	257483	49.175	ng		91
20) 3+4-Methylphenols	7.25	107	352586	52.398	ng	#	80
22) Acetophenone	7.26	105	478679	50.057	ng	#	91
24) Nitrobenzene	7.43	77	381780	53.951	ng		96
25) Isophorone	7.67	82	724598	51.394	ng		99
26) 2-Nitrophenol	7.75	139	162815	61.886	ng		91
27) 2,4-Dimethylphenol	7.78	122	313266	58.959	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	434062	50.380	ng		99
29) 2,4-Dichlorophenol	7.99	162	281171	55.064	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	272721	49.242	ng		95
31) Naphthalene	8.15	128	982658	52.027	ng		99
32) Benzoic acid	7.90	122	156922	52.305	ng		95
33) 4-Chloroaniline	8.19	127	126872	14.757	ng		97
34) Hexachlorobutadiene	8.27	225	144719	47.923	ng		99
35) Caprolactam	8.56	113	106572m	55.768	ng		
36) 4-Chloro-3-methylphenol	8.67	107	336839	57.395	ng		99
37) 2-Methylnaphthalene	8.85	142	666729	53.055	ng		96
38) 1-Methylnaphthalene	8.94	142	628149	52.950	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	238552	47.889	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	282951	98.364	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	182246	53.371	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	198210	55.912	ng		92
46) 1,1'-Biphenyl	9.30	154	791293	50.183	ng		98
47) 2-Chloronaphthalene	9.33	162	616618	49.373	ng		97
48) 2-Nitroaniline	9.42	65	203759	56.434	ng		99
49) Acenaphthylene	9.75	152	996574	52.789	ng		99
50) Dimethylphthalate	9.60	163	854193	59.541	ng		100
51) 2,6-Dinitrotoluene	9.66	165	165188	60.350	ng		95
52) Acenaphthene	9.92	154	640551	55.222	ng		99
53) 3-Nitroaniline	9.83	138	104301	30.406	ng		91
54) 2,4-Dinitrophenol	9.93	184	102800	102.924	ng	#	86
55) Dibenzofuran	10.09	168	861962	52.712	ng		95
56) 4-Nitrophenol	9.99	139	297130	126.328	ng		92
57) 2,4-Dinitrotoluene	10.07	165	220027	65.740	ng		94
58) Fluorene	10.43	166	666229	53.471	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	144492m	56.475	ng		
60) Diethylphthalate	10.30	149	751861	52.319	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	280855	51.476	ng		91
62) 4-Nitroaniline	10.45	138	196521	59.034	ng		95
63) Azobenzene	10.58	77	809871	54.047	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	80297	59.856	ng		81
66) n-Nitrosodiphenylamine	10.54	169	628438	51.689	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	174472	48.867	ng		96
68) Hexachlorobenzene	10.98	284	180588	48.344	ng		96
69) Atrazine	11.06	200	179887	52.828	ng		96
70) Pentachlorophenol	11.17	266	191293	105.860	ng		98
71) Phenanthrene	11.39	178	1011791	51.716	ng		99
72) Anthracene	11.44	178	1045735	53.098	ng		99
73) Carbazole	11.59	167	1004622	53.551	ng		100
74) Di-n-butylphthalate	11.93	149	1254608	52.167	ng		99
75) Fluoranthene	12.57	202	1075464	55.935	ng		97
77) Benzidine	12.69	184	479067	46.325	ng		100
78) Pyrene	12.80	202	1081843	46.158	ng		98
80) Butylbenzylphthalate	13.42	149	569312	49.949	ng		98
81) Benzo(a)anthracene	13.99	228	828932	49.675	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	196502	34.845	ng	#	97
83) Chrysene	14.03	228	871650	50.701	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	741587	52.708	ng		99
85) Di-n-octyl phthalate	14.59	149	1371767	59.578	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	849288	61.503	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	856288	50.925	ng		98
89) Benzo(k)fluoranthene	15.06	252	752723	49.097	ng		98
90) Benzo(a)pyrene	15.39	252	776195	53.058	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	690846	53.952	ng	#	96
92) Benzo(g,h,i)perylene	17.34	276	719960	55.130	ng	#	93

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

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