Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116700.D
Acq On : 31 Aug 2019 15:39
Operator : HP/JU
Sample : K4646-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:34 AM

Quant Time: Aug 31 17:53:30 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	105582	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	413585	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	212261	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	337443	20.00	ng		0.00
76) Chrysene-d12	14.00	240	207407	20.00	ng		0.00
87) Perylene-d12	15.44	264	255839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	858045	131.66	ng		0.00
7) Phenol-d6	6.48	99	1180312	137.92	ng		0.00
23) Nitrobenzene-d5	7.41	82	738317	101.91	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	225749	159.09	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1099407	87.37	ng		0.00
79) Terphenyl-d14	12.94	244	912314	81.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	118228	39.298	ng		99
3) Pyridine	3.36	79	303781	34.874	ng		94
4) n-Nitrosodimethylamine	3.29	42	129440	43.274	ng	#	77
6) Aniline	6.51	93	384376	32.429	ng		98
8) 2-Chlorophenol	6.63	128	344022	48.356	ng		93
9) Benzaldehyde	6.39	77	245639	43.569	ng		99
10) Phenol	6.49	94	462911	48.850	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	334579	45.344	ng		99
12) 1,3-Dichlorobenzene	6.79	146	352072	43.786	ng		97
13) 1,4-Dichlorobenzene	6.87	146	356097	44.483	ng		99
14) 1,2-Dichlorobenzene	7.02	146	337558	45.501	ng		97
15) Benzyl Alcohol	6.99	79	326984	47.071	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	371591	42.924	ng		99
17) 2-Methylphenol	7.10	107	293792	47.173	ng		97
18) Hexachloroethane	7.36	117	136411	43.860	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	252840	44.872	ng		91
20) 3+4-Methylphenols	7.25	107	355443	49.085	ng	#	86
22) Acetophenone	7.26	105	480628	48.270	ng	#	93
24) Nitrobenzene	7.43	77	387874	52.641	ng		96
25) Isophorone	7.67	82	707439	48.189	ng		99
26) 2-Nitrophenol	7.75	139	171889	62.747	ng		94
27) 2,4-Dimethylphenol	7.78	122	311710	56.342	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	432092	48.165	ng		98
29) 2,4-Dichlorophenol	7.99	162	282665	53.164	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	273735	47.467	ng		99
31) Naphthalene	8.15	128	981404	49.903	ng		99
32) Benzoic acid	7.89	122	138561	44.356	ng		98
33) 4-Chloroaniline	8.19	127	157261	17.567	ng		97
34) Hexachlorobutadiene	8.27	225	147244	46.828	ng		100
35) Caprolactam	8.56	113	102993m	51.761	ng		
36) 4-Chloro-3-methylphenol	8.68	107	331244	54.206	ng		97
37) 2-Methylnaphthalene	8.85	142	673352	51.459	ng		97
38) 1-Methylnaphthalene	8.95	142	629327	50.948	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	247136	48.570	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	207993	70.786	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	186171	53.375	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	198127	54.714	ng	#	93
46) 1,1'-Biphenyl	9.30	154	789595	49.023	ng		98
47) 2-Chloronaphthalene	9.33	162	628233	49.246	ng		98
48) 2-Nitroaniline	9.42	65	204320	55.400	ng		99
49) Acenaphthylene	9.75	152	996420	51.671	ng		99
50) Dimethylphthalate	9.60	163	829939	56.634	ng		99
51) 2,6-Dinitrotoluene	9.66	165	165090	59.046	ng		96
52) Acenaphthene	9.92	154	617177	52.088	ng		99
53) 3-Nitroaniline	9.83	138	110047	31.407	ng		92
54) 2,4-Dinitrophenol	9.93	184	77388	78.231	ng	#	89
55) Dibenzofuran	10.09	168	853171	51.078	ng		99
56) 4-Nitrophenol	9.99	139	284455	118.397	ng		94
57) 2,4-Dinitrotoluene	10.07	165	218079	63.789	ng		92
58) Fluorene	10.43	166	659976	51.855	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	152019	58.168	ng		97
60) Diethylphthalate	10.30	149	739091	50.349	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	282285	50.650	ng		93
62) 4-Nitroaniline	10.45	138	175057	51.481	ng		94
63) Azobenzene	10.58	77	783453	51.185	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	65960	52.287	ng		88
66) n-Nitrosodiphenylamine	10.54	169	614732	52.661	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	171089	49.910	ng		97
68) Hexachlorobenzene	10.98	284	175248	48.863	ng		96
69) Atrazine	11.06	200	171321	52.402	ng		96
70) Pentachlorophenol	11.17	266	180296	103.918	ng		98
71) Phenanthrene	11.39	178	946729	50.400	ng		99
72) Anthracene	11.44	178	983036	51.988	ng		100
73) Carbazole	11.59	167	911798	50.622	ng		99
74) Di-n-butylphthalate	11.93	149	1183663	51.261	ng		100
75) Fluoranthene	12.57	202	888785	48.146	ng		98
77) Benzidine	12.69	184	506126	62.216	ng		99
78) Pyrene	12.80	202	887065	48.113	ng		98
80) Butylbenzylphthalate	13.42	149	450122	50.203	ng		99
81) Benzo(a)anthracene	13.99	228	665089	50.667	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	220364	49.675	ng		98
83) Chrysene	14.02	228	682574	50.472	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	584656	52.825	ng		99
85) Di-n-octyl phthalate	14.59	149	1019902	56.311	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	726685	66.898	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	760583	49.173	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	620964	44.031	ng		98
90) Benzo(a)pyrene	15.39	252	689208	51.215	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	601653	51.078	ng	#	91
92) Benzo(g,h,i)perylene	17.34	276	570245	47.469	ng	#	94

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

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