Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116632.D
Acq On : 28 Aug 2019 23:13
Operator : HP/JU
Sample : K4573-11MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:47:17 PM

Quant Time: Aug 29 04:03:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93698	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	381547	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	167962	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	373148	20.00	ng		0.00
76) Chrysene-d12	14.01	240	97084	20.00	ng		0.00
87) Perylene-d12	15.47	264	118428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	745776	137.48	ng		0.00
7) Phenol-d6	6.50	99	1004839	136.63	ng		0.00
23) Nitrobenzene-d5	7.43	82	627510	94.11	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	263630	164.94	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1106696	109.65	ng		0.00
79) Terphenyl-d14	12.96	244	1142609	191.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	89419	35.434	ng		98
3) Pyridine	3.42	79	218256	31.573	ng		98
4) n-Nitrosodimethylamine	3.34	42	114279	43.148	ng		98
6) Aniline	6.53	93	208268	21.021	ng		99
8) 2-Chlorophenol	6.65	128	255508	41.796	ng		98
9) Benzaldehyde	6.41	77	179257	41.191	ng		97
10) Phenol	6.51	94	371978	46.110	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	236667m	39.474	ng		
12) 1,3-Dichlorobenzene	6.81	146	263242	36.351	ng		99
13) 1,4-Dichlorobenzene	6.88	146	268782	37.146	ng		98
14) 1,2-Dichlorobenzene	7.04	146	245860	35.954	ng		99
15) Benzyl Alcohol	7.00	79	245688	42.942	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	296033	36.404	ng		99
17) 2-Methylphenol	7.12	107	218244	39.869	ng		99
18) Hexachloroethane	7.38	117	99429	37.215	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	186745	39.928	ng		95
20) 3+4-Methylphenols	7.27	107	277327	41.704	ng	#	86
22) Acetophenone	7.27	105	367539	41.014	ng	#	92
24) Nitrobenzene	7.45	77	282732	41.814	ng		99
25) Isophorone	7.68	82	509262	41.953	ng		98
26) 2-Nitrophenol	7.76	139	139045	42.789	ng		90
27) 2,4-Dimethylphenol	7.80	122	231126	45.422	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	306999	38.936	ng		98
29) 2,4-Dichlorophenol	8.00	162	219521	41.277	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	229967	37.642	ng		98
31) Naphthalene	8.17	128	785754	42.992	ng		99
32) Benzoic acid	7.90	122	152905	35.163	ng		97
33) 4-Chloroaniline	8.21	127	155532	19.308	ng		98
34) Hexachlorobutadiene	8.29	225	130826	38.435	ng		100
35) Caprolactam	8.57	113	70499m	44.395	ng		
36) 4-Chloro-3-methylphenol	8.69	107	236824	44.207	ng		97
37) 2-Methylnaphthalene	8.86	142	486528	42.625	ng		96
38) 1-Methylnaphthalene	8.96	142	456463	40.949	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	213073	46.238	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	156726	58.732	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	150107	46.381	ng		96
44) 2,4,5-Trichlorophenol	9.17	196	158474	48.685	ng		98
46) 1,1'-Biphenyl	9.32	154	627527	49.218	ng		99
47) 2-Chloronaphthalene	9.35	162	481122	48.405	ng		98
48) 2-Nitroaniline	9.43	65	145730	46.358	ng		90
49) Acenaphthylene	9.76	152	643936	44.108	ng		100
50) Dimethylphthalate	9.62	163	601526	53.271	ng		100
51) 2,6-Dinitrotoluene	9.67	165	115664	46.452	ng	#	84
52) Acenaphthene	9.93	154	517166	52.318	ng		97
53) 3-Nitroaniline	9.84	138	96731	32.535	ng		96
54) 2,4-Dinitrophenol	9.95	184	110648	89.680	ng	#	47
55) Dibenzofuran	10.10	168	742599	55.786	ng		99
56) 4-Nitrophenol	10.00	139	248589	109.985	ng		92
57) 2,4-Dinitrotoluene	10.08	165	188121	57.257	ng		99
58) Fluorene	10.45	166	547864	54.230	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	146358	54.624	ng		98
60) Diethylphthalate	10.32	149	495101	44.919	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	239744	47.337	ng		99
62) 4-Nitroaniline	10.46	138	142630	49.307	ng		97
63) Azobenzene	10.60	77	521879	46.904	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	80757	40.569	ng		99
66) n-Nitrosodiphenylamine	10.55	169	455789	38.587	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	170650	43.115	ng		96
68) Hexachlorobenzene	11.00	284	178506	40.509	ng		97
69) Atrazine	11.08	200	151878	43.424	ng		98
70) Pentachlorophenol	11.19	266	212134	78.349	ng		96
71) Phenanthrene	11.40	178	935355	46.668	ng		100
72) Anthracene	11.46	178	897506	44.785	ng		99
73) Carbazole	11.60	167	751709	44.072	ng		98
74) Di-n-butylphthalate	11.94	149	956591	48.396	ng		99
75) Fluoranthene	12.59	202	896202	49.858	ng		98
77) Benzidine	12.70	184	12200	3.474	ng	#	76
78) Pyrene	12.82	202	863405	96.716	ng		100
80) Butylbenzylphthalate	13.43	149	162672	47.031	ng		98
81) Benzo(a)anthracene	14.00	228	298956	46.188	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	51708	24.550	ng		97
83) Chrysene	14.04	228	305438	48.203	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	220193	54.286	ng		100
85) Di-n-octyl phthalate	14.60	149	336212	56.829	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	305567	53.377	ng		97
88) Benzo(b)fluoranthene	15.04	252	330445	45.437	ng		99
89) Benzo(k)fluoranthene	15.07	252	299581	43.336	ng		99
90) Benzo(a)pyrene	15.41	252	311072	47.925	ng		97
91) Dibenzo(a,h)anthracene	16.94	278	242982	40.120	ng		98
92) Benzo(g,h,i)perylene	17.36	276	226080	35.900	ng		97

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

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