Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114008.D
Acq On : 26 Apr 2019 14:25
Operator : JU/SJ
Sample : PB119206BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119206BS

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:44 AM

Quant Time: Apr 27 01:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142579	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	548982	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	296262	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	599171	20.00	ng		0.00
76) Chrysene-d12	14.06	240	453191	20.00	ng		0.00
87) Perylene-d12	15.56	264	399648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1041811	124.97	ng		0.02
7) Phenol-d6	6.53	99	1347136	128.80	ng		0.01
23) Nitrobenzene-d5	7.46	82	736489	82.83	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	471860	130.74	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1493602	78.85	ng		0.00
79) Terphenyl-d14	13.00	244	1803526	81.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	147922	37.643	ng		96
3) Pyridine	3.56	79	398965	37.196	ng		96
4) n-Nitrosodimethylamine	3.51	42	131502	35.815	ng		93
6) Aniline	6.56	93	423489	29.487	ng		99
8) 2-Chlorophenol	6.69	128	365211	38.373	ng		99
9) Benzaldehyde	6.45	77	283982	52.219	ng		93
10) Phenol	6.55	94	463418	37.055	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	348369	37.017	ng		97
12) 1,3-Dichlorobenzene	6.84	146	418083	38.786	ng		99
13) 1,4-Dichlorobenzene	6.92	146	419730	38.714	ng		100
14) 1,2-Dichlorobenzene	7.07	146	390779	39.219	ng		99
15) Benzyl Alcohol	7.04	79	295611	41.967	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	396084	36.054	ng		91
17) 2-Methylphenol	7.15	107	326444	39.129	ng		97
18) Hexachloroethane	7.41	117	144497	38.020	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	257254	37.982	ng		99
20) 3+4-Methylphenols	7.30	107	387572	41.119	ng	#	82
22) Acetophenone	7.30	105	514816	42.140	ng	#	95
24) Nitrobenzene	7.47	77	397646	40.475	ng		99
25) Isophorone	7.72	82	712572	39.167	ng		100
26) 2-Nitrophenol	7.79	139	204219	45.565	ng		99
27) 2,4-Dimethylphenol	7.83	122	350911	48.055	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	453628	39.130	ng		99
29) 2,4-Dichlorophenol	8.03	162	346293	41.470	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	374310	40.201	ng		98
31) Naphthalene	8.20	128	1072386	41.120	ng		99
32) Benzoic acid	7.96	122	205745	41.721	ng		99
33) 4-Chloroaniline	8.24	127	264632	23.981	ng		98
34) Hexachlorobutadiene	8.32	225	225276	38.812	ng		98
35) Caprolactam	8.62	113	107288m	40.389	ng		
36) 4-Chloro-3-methylphenol	8.73	107	342750	41.430	ng		99
37) 2-Methylnaphthalene	8.89	142	739856	42.069	ng		98
38) 1-Methylnaphthalene	8.99	142	699024	41.182	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	375095	38.977	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	476341	88.762	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	264711	43.318	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	280908	40.983	ng		97
46) 1,1'-Biphenyl	9.36	154	920444	40.670	ng		98
47) 2-Chloronaphthalene	9.38	162	745727	40.518	ng		98
48) 2-Nitroaniline	9.47	65	205868	42.669	ng		93
49) Acenaphthylene	9.80	152	1149320	39.888	ng		99
50) Dimethylphthalate	9.66	163	871228	40.662	ng		99
51) 2,6-Dinitrotoluene	9.72	165	202059	43.957	ng		94
52) Acenaphthene	9.97	154	760635	44.669	ng		97
53) 3-Nitroaniline	9.88	138	125784	26.040	ng		93
54) 2,4-Dinitrophenol	9.99	184	186625	92.400	ng	#	2
55) Dibenzofuran	10.14	168	1043868	40.925	ng		97
56) 4-Nitrophenol	10.05	139	313946	82.088	ng		96
57) 2,4-Dinitrotoluene	10.12	165	271852	46.854	ng		94
58) Fluorene	10.49	166	790390	41.159	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	252549	41.928	ng		100
60) Diethylphthalate	10.36	149	833855	40.982	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	414419	40.749	ng		99
62) 4-Nitroaniline	10.50	138	196108	41.604	ng		96
63) Azobenzene	10.63	77	791594	40.142	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	118547	43.902	ng		97
66) n-Nitrosodiphenylamine	10.59	169	723961	40.269	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	270738	37.404	ng		97
68) Hexachlorobenzene	11.03	284	304276	38.254	ng		98
69) Atrazine	11.12	200	245400	41.960	ng		98
70) Pentachlorophenol	11.23	266	341362	75.799	ng		98
71) Phenanthrene	11.45	178	1205612	40.038	ng		100
72) Anthracene	11.50	178	1236888	40.677	ng		100
73) Carbazole	11.64	167	1105515	40.751	ng		99
74) Di-n-butylphthalate	11.97	149	1272315	39.870	ng		99
75) Fluoranthene	12.63	202	1286295	39.154	ng		99
77) Benzidine	12.74	184	655956	48.578	ng		99
78) Pyrene	12.86	202	1297246	40.932	ng		99
80) Butylbenzylphthalate	13.47	149	540416	43.340	ng		96
81) Benzo(a)anthracene	14.05	228	1126148	42.176	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	316772	32.367	ng		99
83) Chrysene	14.09	228	1113733	42.829	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	707910	44.621	ng		99
85) Di-n-octyl phthalate	14.66	149	1177231	47.408	ng		98
86) Indeno(1,2,3-cd)pyrene	17.05	276	881864	35.801	ng		98
88) Benzo(b)fluoranthene	15.12	252	1103016	43.623	ng		98
89) Benzo(k)fluoranthene	15.15	252	910084	41.843	ng		99
90) Benzo(a)pyrene	15.49	252	914168	41.799	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	741801	36.132	ng		100
92) Benzo(g,h,i)perylene	17.50	276	726439	35.062	ng		97

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

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