Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001116.D
Acq On : 28 Nov 2019 09:16
Operator : JU
Sample : K5663-04MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AU-06-112219MS

Manual Integrations APPROVED
mohammad
11/29/2019 8:55:24 AM

Quant Time: Nov 29 03:21:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	162987	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	618415	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	341852	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	634630	20.00	ng		0.00
76) Chrysene-d12	19.27	240	460605	20.00	ng		0.00
87) Perylene-d12	21.05	264	494292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	1342666	136.67	ng		0.02
7) Phenol-d6	7.78	99	1824870	139.43	ng		0.01
23) Nitrobenzene-d5	9.21	82	1199191	84.13	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	433268	132.23	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1946108	83.32	ng		0.00
79) Terphenyl-d14	17.91	244	2220820	89.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	178065	38.805	ng	#	85
3) Pyridine	3.59	79	427946	33.609	ng		98
4) n-Nitrosodimethylamine	3.46	42	260603	47.297	ng		88
6) Aniline	7.80	93	218838	12.611	ng	#	1
8) 2-Chlorophenol	7.99	128	479694	47.195	ng		98
9) Benzaldehyde	7.62	77	188263	21.330	ng		97
10) Phenol	7.80	94	672897	45.200	ng		91
11) bis(2-Chloroethyl)ether	7.93	93	521979	45.027	ng		99
12) 1,3-Dichlorobenzene	8.23	146	496966	41.251	ng		99
13) 1,4-Dichlorobenzene	8.35	146	510620	42.075	ng		99
14) 1,2-Dichlorobenzene	8.59	146	478452	41.890	ng		98
15) Benzyl Alcohol	8.56	79	517065	48.128	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	783754	42.052	ng		98
17) 2-Methylphenol	8.75	107	439792	47.170	ng		98
18) Hexachloroethane	9.13	117	206265	41.085	ng		96
19) n-Nitroso-di-n-propylamine	9.00	70	425151	45.018	ng		97
20) 3+4-Methylphenols	9.00	107	558317	47.504	ng		96
22) Acetophenone	8.98	105	779366	42.879	ng	#	98
24) Nitrobenzene	9.24	77	636499	44.907	ng		99
25) Isophorone	9.64	82	1169943	45.772	ng		99
26) 2-Nitrophenol	9.75	139	236304	45.516	ng		100
27) 2,4-Dimethylphenol	9.85	122	443714	53.956	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	676570	42.189	ng		100
29) 2,4-Dichlorophenol	10.14	162	431096	46.059	ng		98
30) 1,2,4-Trichlorobenzene	10.28	180	444786	40.687	ng		99
31) Naphthalene	10.40	128	1374646	43.524	ng		99
32) Benzoic acid	10.03	122	222706	37.460	ng		96
33) 4-Chloroaniline	10.49	127	85050	6.205	ng		98
34) Hexachlorobutadiene	10.62	225	273951	39.836	ng		99
35) Caprolactam	11.07	113	138686m	42.993	ng		
36) 4-Chloro-3-methylphenol	11.31	107	512092	46.147	ng		99
37) 2-Methylnaphthalene	11.53	142	943651	43.786	ng		98
38) 1-Methylnaphthalene	11.69	142	895232	43.973	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	440196	40.860	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	423641	85.239 ng	99
43) 2,4,6-Trichlorophenol	12.00	196	318667	45.302 ng	100
44) 2,4,5-Trichlorophenol	12.06	196	327657	44.957 ng	98
46) 1,1'-Biphenyl	12.30	154	1143880	43.297 ng	99
47) 2-Chloronaphthalene	12.32	162	874624	41.445 ng	99
48) 2-Nitroaniline	12.49	65	343432	41.523 ng	97
49) Acenaphthylene	13.00	152	1406413	44.461 ng	100
50) Dimethylphthalate	12.83	163	1214401	47.498 ng	100
51) 2,6-Dinitrotoluene	12.90	165	243350	44.463 ng	97
52) Acenaphthene	13.28	154	820760	43.134 ng	100
53) 3-Nitroaniline	13.16	138	78323	12.739 ng	96
54) 2,4-Dinitrophenol	13.34	184	117550	55.019 ng	93
55) Dibenzofuran	13.57	168	1255013	43.891 ng	98
56) 4-Nitrophenol	13.46	139	393077	90.226 ng	91
57) 2,4-Dinitrotoluene	13.56	165	307908	44.883 ng	90
58) Fluorene	14.13	166	990626	43.236 ng	98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	271365m	45.295 ng	
60) Diethylphthalate	14.00	149	1141283	43.111 ng	100
61) 4-Chlorophenyl-phenylether	14.15	204	497596	42.649 ng	98
62) 4-Nitroaniline	12.49	138	294738	41.349 ng	98
63) Azobenzene	14.41	77	1250335	43.694 ng	98
65) 4,6-Dinitro-2-methylphenol	14.23	198	97316	37.355 ng	92
66) n-Nitrosodiphenylamine	14.35	169	874679	45.360 ng	99
67) 4-Bromophenyl-phenylether	14.95	248	298471	43.320 ng	93
68) Hexachlorobenzene	15.03	284	319632	42.197 ng	99
69) Atrazine	15.24	200	305578	51.902 ng	98
70) Pentachlorophenol	15.34	266	353196	89.464 ng	99
71) Phenanthrene	15.66	178	1442950	43.248 ng	99
72) Anthracene	15.74	178	1499148	45.587 ng	99
73) Carbazole	15.99	167	1326733	44.336 ng	99
74) Di-n-butylphthalate	16.54	149	1792686	44.556 ng	99
75) Fluoranthene	17.37	202	1568319	44.401 ng	99
77) Benzidine	17.56	184	389916	32.787 ng	98
78) Pyrene	17.68	202	1572156	43.336 ng	99
80) Butylbenzylphthalate	18.56	149	760506	45.386 ng	97
81) Benzo(a)anthracene	19.26	228	1414461	44.291 ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	178168	16.888 ng	98
83) Chrysene	19.30	228	1262613	44.152 ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1067759	46.348 ng	98
85) Di-n-octyl phthalate	20.09	149	1927296	47.094 ng	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1484011	44.033 ng	100
88) Benzo(b)fluoranthene	20.56	252	1334826	44.212 ng	100
89) Benzo(k)fluoranthene	20.59	252	1324503	45.549 ng	99
90) Benzo(a)pyrene	20.97	252	1221462	43.923 ng	99
91) Dibenzo(a,h)anthracene	22.73	278	1248856	45.890 ng	99
92) Benzo(g,h,i)perylene	23.20	276	1259484	46.869 ng	98

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

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