Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001117.D
Acq On : 28 Nov 2019 09:46
Operator : JU
Sample : K5663-04MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Manual Integrations APPROVED
mohammad
11/29/2019 8:55:28 AM

Quant Time: Nov 29 03:23:12 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	136772	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	523426	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	300294	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	577039	20.00	ng		0.00
76) Chrysene-d12	19.27	240	441308	20.00	ng		0.00
87) Perylene-d12	21.04	264	479722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	1156403	140.27	ng		0.02
7) Phenol-d6	7.78	99	1581285	143.98	ng		0.01
23) Nitrobenzene-d5	9.21	82	1047109	86.79	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	387361	134.58	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1710892	83.39	ng		0.00
79) Terphenyl-d14	17.91	244	2120013	88.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	154997	40.252	ng	#	84
3) Pyridine	3.55	79	382484	35.796	ng		97
4) n-Nitrosodimethylamine	3.43	42	224908	48.642	ng		90
6) Aniline	7.80	93	117963	8.101	ng	#	1
8) 2-Chlorophenol	7.99	128	411239	48.215	ng		100
9) Benzaldehyde	7.63	77	189789	27.205	ng		98
10) Phenol	7.80	94	580051	46.431	ng		89
11) bis(2-Chloroethyl)ether	7.93	93	449770	46.234	ng		98
12) 1,3-Dichlorobenzene	8.23	146	428826	42.418	ng		99
13) 1,4-Dichlorobenzene	8.36	146	435797	42.792	ng		100
14) 1,2-Dichlorobenzene	8.59	146	415299	43.330	ng		99
15) Benzyl Alcohol	8.56	79	448667	49.766	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	673965	43.093	ng		99
17) 2-Methylphenol	8.75	107	378445	48.370	ng		99
18) Hexachloroethane	9.13	117	178587	42.390	ng		98
19) n-Nitroso-di-n-propylamine	9.00	70	365929	46.174	ng		98
20) 3+4-Methylphenols	9.00	107	480356	48.705	ng		96
22) Acetophenone	8.97	105	675612	43.916	ng		99
24) Nitrobenzene	9.24	77	548875	45.752	ng		99
25) Isophorone	9.64	82	1009522	46.664	ng		98
26) 2-Nitrophenol	9.75	139	206615	47.020	ng		98
27) 2,4-Dimethylphenol	9.85	122	377831	54.283	ng		96
28) bis(2-Chloroethoxy)methane	10.00	93	585943	43.168	ng		99
29) 2,4-Dichlorophenol	10.14	162	371672	46.916	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	391516	42.313	ng		99
31) Naphthalene	10.40	128	1201771	44.955	ng		99
32) Benzoic acid	10.00	122	124171	24.676	ng		96
33) 4-Chloroaniline	10.49	127	63888	5.507	ng		96
34) Hexachlorobutadiene	10.62	225	237029	40.722	ng		99
35) Caprolactam	11.06	113	123082m	45.080	ng		
36) 4-Chloro-3-methylphenol	11.31	107	448718	47.774	ng		98
37) 2-Methylnaphthalene	11.53	142	832913	45.661	ng		98
38) 1-Methylnaphthalene	11.69	142	780742	45.309	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	390355	41.248	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	361663	82.840	ng	98
43) 2,4,6-Trichlorophenol	12.00	196	276427	44.736	ng	98
44) 2,4,5-Trichlorophenol	12.05	196	297101	46.406	ng	96
46) 1,1'-Biphenyl	12.30	154	1005700	43.335	ng	100
47) 2-Chloronaphthalene	12.32	162	785191	42.356	ng	99
48) 2-Nitroaniline	12.49	65	309499	42.599	ng	96
49) Acenaphthylene	13.00	152	1266214	45.568	ng	100
50) Dimethylphthalate	12.83	163	1070878	47.681	ng	100
51) 2,6-Dinitrotoluene	12.90	165	216187	44.967	ng	99
52) Acenaphthene	13.28	154	737055	44.095	ng	100
53) 3-Nitroaniline	13.16	138	47886	8.867	ng	98
54) 2,4-Dinitrophenol	13.33	184	77169	42.913	ng	91
55) Dibenzofuran	13.57	168	1134583	45.171	ng	99
56) 4-Nitrophenol	13.46	139	358698	93.730	ng	90
57) 2,4-Dinitrotoluene	13.56	165	279894	46.446	ng	91
58) Fluorene	14.13	166	905469	44.989	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	242999	46.173	ng	96
60) Diethylphthalate	13.99	149	1030658	44.320	ng	99
61) 4-Chlorophenyl-phenylether	14.15	204	454086	44.306	ng	100
62) 4-Nitroaniline	12.49	138	263200	42.035	ng	99
63) Azobenzene	14.41	77	1143512	45.491	ng	99
65) 4,6-Dinitro-2-methylphenol	14.22	198	75181	32.682	ng	98
66) n-Nitrosodiphenylamine	14.35	169	793257	45.244	ng	100
67) 4-Bromophenyl-phenylether	14.95	248	270264	43.141	ng	92
68) Hexachlorobenzene	15.03	284	292612	42.486	ng	99
69) Atrazine	15.23	200	286495	53.517	ng	97
70) Pentachlorophenol	15.34	266	307014	85.527	ng	98
71) Phenanthrene	15.66	178	1358757	44.789	ng	100
72) Anthracene	15.74	178	1397321	46.731	ng	99
73) Carbazole	15.99	167	1248879	45.900	ng	100
74) Di-n-butylphthalate	16.54	149	1705747	46.627	ng	99
75) Fluoranthene	17.37	202	1490004	46.394	ng	99
77) Benzidine	17.56	184	339329	29.781	ng	99
78) Pyrene	17.68	202	1519244	43.709	ng	100
80) Butylbenzylphthalate	18.56	149	731378	45.557	ng	97
81) Benzo(a)anthracene	19.26	228	1370965	44.806	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	153905	15.226	ng	98
83) Chrysene	19.30	228	1255074	45.807	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1025814	46.474	ng	99
85) Di-n-octyl phthalate	20.09	149	1843342	47.012	ng	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1472098	45.589	ng	100
88) Benzo(b)fluoranthene	20.56	252	1304216	44.510	ng	99
89) Benzo(k)fluoranthene	20.60	252	1294344	45.864	ng	99
90) Benzo(a)pyrene	20.97	252	1189825	44.085	ng	100
91) Dibenzo(a,h)anthracene	22.73	278	1234338	46.734	ng	99
92) Benzo(g,h,i)perylene	23.20	276	1253515	48.063	ng	99

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

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