Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001136.D
Acq On : 02 Dec 2019 20:13
Operator : JU
Sample : K5676-38MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Manual Integrations APPROVED
mohammad
12/4/2019 4:59:31 PM

Quant Time: Dec 03 00:49:41 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	151901	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	554897	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	298255	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	558879	20.00	ng		0.00
76) Chrysene-d12	19.27	240	417714	20.00	ng		0.00
87) Perylene-d12	21.05	264	474686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.26	112	1286001	140.46	ng		0.03
7) Phenol-d6	7.79	99	1739158	142.58	ng		0.02
23) Nitrobenzene-d5	9.22	82	1166005	91.17	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	402144	140.67	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1847103	90.64	ng		0.00
79) Terphenyl-d14	17.92	244	2115745	93.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	164463	38.457	ng	#	83
3) Pyridine	3.56	79	394394	33.235	ng		96
4) n-Nitrosodimethylamine	3.45	42	249226	48.533	ng		89
6) Aniline	7.81	93	171846	10.626	ng	#	1
8) 2-Chlorophenol	8.00	128	448106	47.304	ng		98
9) Benzaldehyde	7.63	77	184092	22.766	ng		98
10) Phenol	7.80	94	602547	43.428	ng		92
11) bis(2-Chloroethyl)ether	7.94	93	480862	44.507	ng		98
12) 1,3-Dichlorobenzene	8.24	146	478674	42.633	ng		98
13) 1,4-Dichlorobenzene	8.36	146	487778	43.126	ng		99
14) 1,2-Dichlorobenzene	8.59	146	460249	43.237	ng		99
15) Benzyl Alcohol	8.56	79	475486	47.488	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	740067	42.606	ng		99
17) 2-Methylphenol	8.75	107	395540	45.520	ng		97
18) Hexachloroethane	9.13	117	196912	42.085	ng		98
19) n-Nitroso-di-n-propylamine	9.00	70	384825	43.722	ng		96
20) 3+4-Methylphenols	9.00	107	502356	45.862	ng		99
22) Acetophenone	8.98	105	732162	44.893	ng	#	98
24) Nitrobenzene	9.25	77	583348	45.868	ng		99
25) Isophorone	9.64	82	1040684	45.376	ng		99
26) 2-Nitrophenol	9.75	139	217470	46.683	ng		95
27) 2,4-Dimethylphenol	9.85	122	398229	53.969	ng		95
28) bis(2-Chloroethoxy)methane	10.00	93	619404	43.045	ng		99
29) 2,4-Dichlorophenol	10.15	162	390470	46.494	ng		100
30) 1,2,4-Trichlorobenzene	10.28	180	423348	43.159	ng		99
31) Naphthalene	10.40	128	1324096	46.722	ng		99
32) Benzoic acid	10.03	122	182717	34.251	ng		95
33) 4-Chloroaniline	10.49	127	82010	6.668	ng		98
34) Hexachlorobutadiene	10.62	225	267040	43.276	ng		100
35) Caprolactam	11.07	113	123310m	42.602	ng		
36) 4-Chloro-3-methylphenol	11.31	107	461338	46.332	ng		99
37) 2-Methylnaphthalene	11.53	142	875579	45.278	ng		98
38) 1-Methylnaphthalene	11.69	142	810641	44.376	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	418780	44.554	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	282893	65.240	ng		100
43) 2,4,6-Trichlorophenol	12.00	196	280960	45.780	ng		99
44) 2,4,5-Trichlorophenol	12.06	196	298059	46.874	ng		95
46) 1,1'-Biphenyl	12.30	154	1040671	45.148	ng		100
47) 2-Chloronaphthalene	12.32	162	814653	44.246	ng		98
48) 2-Nitroaniline	12.49	65	322815	44.736	ng		99
49) Acenaphthylene	13.00	152	1300335	47.116	ng		99
50) Dimethylphthalate	12.83	163	994794	44.596	ng		100
51) 2,6-Dinitrotoluene	12.91	165	218407	45.739	ng		99
52) Acenaphthene	13.29	154	752205	45.309	ng		99
53) 3-Nitroaniline	13.16	138	77779	14.500	ng		99
54) 2,4-Dinitrophenol	13.34	184	46409	28.789	ng		90
55) Dibenzofuran	13.57	168	1138155	45.623	ng		98
56) 4-Nitrophenol	13.47	139	348980	91.814	ng		86
57) 2,4-Dinitrotoluene	13.56	165	277472	46.359	ng	#	88
58) Fluorene	14.13	166	905229	45.284	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	236274m	45.202	ng		
60) Diethylphthalate	14.00	149	1006481	43.576	ng		100
61) 4-Chlorophenyl-phenylether	14.15	204	445432	43.758	ng		99
62) 4-Nitroaniline	12.49	138	267958	43.087	ng		96
63) Azobenzene	14.41	77	1123682	45.008	ng		97
65) 4,6-Dinitro-2-methylphenol	14.23	198	44143	22.285	ng		98
66) n-Nitrosodiphenylamine	14.35	169	790661	46.561	ng		100
67) 4-Bromophenyl-phenylether	14.95	248	264635	43.615	ng		97
68) Hexachlorobenzene	15.03	284	282771	42.391	ng		97
69) Atrazine	15.24	200	249994	48.216	ng		98
70) Pentachlorophenol	15.35	266	285443	82.102	ng		97
71) Phenanthrene	15.67	178	1334920	45.433	ng		99
72) Anthracene	15.75	178	1367538	47.221	ng		100
73) Carbazole	15.99	167	1239564	47.038	ng		100
74) Di-n-butylphthalate	16.55	149	1589363	44.857	ng		99
75) Fluoranthene	17.37	202	1466524	47.147	ng		100
77) Benzidine	17.56	184	380514	35.282	ng		98
78) Pyrene	17.68	202	1496913	45.499	ng		99
80) Butylbenzylphthalate	18.57	149	691806	45.526	ng		98
81) Benzo(a)anthracene	19.26	228	1324129	45.720	ng		99
82) 3,3'-Dichlorobenzidine	19.23	252	312613	32.674	ng		99
83) Chrysene	19.31	228	1203682	46.413	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	913094	43.704	ng		99
85) Di-n-octyl phthalate	20.10	149	1666583	44.905	ng		99
86) Indeno(1,2,3-cd)pyrene	22.72	276	1414466	46.279	ng		99
88) Benzo(b)fluoranthene	20.57	252	1272001	43.872	ng		98
89) Benzo(k)fluoranthene	20.60	252	1241757	44.467	ng		98
90) Benzo(a)pyrene	20.99	252	1231818	46.125	ng		99
91) Dibenzo(a,h)anthracene	22.74	278	1176593	45.020	ng		99
92) Benzo(g,h,i)perylene	23.21	276	1180415	45.740	ng		99

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

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