Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001043.D
Acq On : 15 Nov 2019 16:16
Operator : JU
Sample : K5670-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:23 PM

Quant Time: Nov 18 10:03:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	178891	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	651157	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	231595	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	766200	20.00	ng		0.00
76) Chrysene-d12	19.29	240	354945	20.00	ng		-0.01
87) Perylene-d12	21.06	264	7187	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	1354265	137.79	ng		0.02
7) Phenol-d6	7.82	99	1323120	106.46	ng		0.00
23) Nitrobenzene-d5	9.25	82	1107119	94.05	ng		0.00
42) 2,4,6-Tribromophenol	14.55	330	850724	307.71	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	2435738	158.40	ng		-0.01
79) Terphenyl-d14	17.93	244	3458476	193.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	151953	35.559	ng	#	87
3) Pyridine	3.84	79	93824	8.304	ng		96
4) n-Nitrosodimethylamine	3.69	42	126965	32.244	ng		83
6) Aniline	7.98	93	468759	28.879	ng	#	57
8) 2-Chlorophenol	8.04	128	519823	49.877	ng		98
9) Benzaldehyde	7.68	77	207433	23.921	ng		98
10) Phenol	7.84	94	535715	39.408	ng		91
11) bis(2-Chloroethyl)ether	7.98	93	468759	44.295	ng		97
12) 1,3-Dichlorobenzene	8.28	146	510786	39.064	ng		99
13) 1,4-Dichlorobenzene	8.40	146	521526	39.598	ng		99
14) 1,2-Dichlorobenzene	8.63	146	508163	41.722	ng		99
15) Benzyl Alcohol	8.61	79	30941	3.267	ng	#	59
16) 2,2'-oxybis(1-Chloropropan	8.83	45	420467	38.045	ng		97
17) 2-Methylphenol	8.79	107	328593	37.135	ng		98
18) Hexachloroethane	9.17	117	188527	38.970	ng		100
19) n-Nitroso-di-n-propylamine	9.03	70	276921	37.107	ng		99
20) 3+4-Methylphenols	9.03	107	422027	38.444	ng		95
22) Acetophenone	9.01	105	781253	46.457	ng	#	97
24) Nitrobenzene	9.27	77	563840	47.735	ng		99
25) Isophorone	9.67	82	1019267	47.043	ng		97
26) 2-Nitrophenol	9.79	139	265392	60.126	ng		95
27) 2,4-Dimethylphenol	9.87	122	363362	43.961	ng		96
28) bis(2-Chloroethoxy)methane	10.03	93	98914	6.982	ng	#	96
29) 2,4-Dichlorophenol	10.17	162	500078	50.125	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	535817	43.718	ng		99
31) Naphthalene	10.43	128	1486592	45.695	ng		100
32) Benzoic acid	10.06	122	297574	57.754	ng	#	62
33) 4-Chloroaniline	10.54	127	14468m	1.037	ng		
34) Hexachlorobutadiene	10.65	225	349219	43.127	ng		100
35) Caprolactam	11.09	113	124610m	39.573	ng		
36) 4-Chloro-3-methylphenol	11.33	107	470553	45.422	ng		98
37) 2-Methylnaphthalene	11.56	142	1088787	47.815	ng		96
38) 1-Methylnaphthalene	11.72	142	1021298	47.467	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	596458	77.346	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	717135	185.633	ng		99
43) 2,4,6-Trichlorophenol	12.02	196	405396	87.190	ng		94
44) 2,4,5-Trichlorophenol	12.08	196	434319	87.367	ng		95
46) 1,1'-Biphenyl	12.33	154	1389952	80.266	ng		98
47) 2-Chloronaphthalene	12.35	162	1082318	77.639	ng		98
48) 2-Nitroaniline	12.51	65	76205	20.884	ng		95
49) Acenaphthylene	13.02	152	540494	25.503	ng		100
50) Dimethylphthalate	12.85	163	1425720	83.253	ng		100
51) 2,6-Dinitrotoluene	12.93	165	316175	88.510	ng		95
52) Acenaphthene	13.31	154	632533	49.901	ng		98
53) 3-Nitroaniline	13.19	138	15724	4.036	ng	#	91
54) 2,4-Dinitrophenol	13.37	184	277607	234.199	ng	#	84
55) Dibenzofuran	13.60	168	1632009	82.430	ng		95
56) 4-Nitrophenol	13.49	139	477712	176.313	ng		89
57) 2,4-Dinitrotoluene	13.59	165	431875	96.253	ng	#	93
58) Fluorene	14.16	166	1221945	77.551	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	408408	96.624	ng	#	94
60) Diethylphthalate	14.02	149	1248273	72.567	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	693455	83.236	ng		96
62) 4-Nitroaniline	12.51	138	86546	20.717	ng		95
63) Azobenzene	14.43	77	329021	21.855	ng		96
65) 4,6-Dinitro-2-methylphenol	14.25	198	197622	75.032	ng		97
66) n-Nitrosodiphenylamine	14.37	169	153119	6.951	ng		97
67) 4-Bromophenyl-phenylether	14.97	248	470075	52.117	ng		98
68) Hexachlorobenzene	15.06	284	551971	52.807	ng		100
70) Pentachlorophenol	15.37	266	667707	143.506	ng		99
71) Phenanthrene	15.69	178	1942730	49.540	ng		100
72) Anthracene	15.77	178	1543039	40.336	ng		100
73) Carbazole	16.00	167	72979	2.081	ng		96
74) Di-n-butylphthalate	16.56	149	1958357	46.266	ng		99
75) Fluoranthene	17.39	202	1616048	36.459	ng		98
78) Pyrene	17.70	202	872418	34.780	ng		99
80) Butylbenzylphthalate	18.57	149	109767	11.051	ng		99
81) Benzo(a)anthracene	19.27	228	1203440	50.342	ng		99
82) 3,3'-Dichlorobenzidine	19.25	252	1435	0.165	ng	#	39
83) Chrysene	19.32	228	1445091	68.855	ng		100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1229146	97.330	ng		100
85) Di-n-octyl phthalate	20.11	149	1996035	87.796	ng		99
86) Indeno(1,2,3-cd)pyrene	22.72	276	442879m	15.422	ng		
88) Benzo(b)fluoranthene	20.57	252	1069345	2496.090	ng		98
89) Benzo(k)fluoranthene	20.61	252	492185	1220.476	ng		98
90) Benzo(a)pyrene	20.99	252	363865	923.672	ng		97
91) Dibenzo(a,h)anthracene	22.76	278	884318	2199.478	ng		98
92) Benzo(g,h,i)perylene	23.22	276	476144	1176.121	ng		96

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

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