Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040259.D
Acq On : 30 Mar 2019 13:15
Operator : JU/SJ
Sample : K1697-14MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Manual Integrations APPROVED
Sohil
4/1/2019 10:06:18 AM

Quant Time: Apr 01 02:43:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57734	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	259668	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	173504	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	438722	20.00	ng		-0.01
76) Chrysene-d12	21.72	240	427586	20.00	ng		0.00
87) Perylene-d12	25.03	264	434586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	442570	127.44	ng		-0.01
7) Phenol-d6	7.21	99	592697	123.49	ng		-0.01
23) Nitrobenzene-d5	9.23	82	412393	84.42	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	296696	158.23	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	957917	81.81	ng		-0.01
79) Terphenyl-d14	20.04	244	1605896	84.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	53105	32.520	ng	#	1
3) Pyridine	3.92	79	141948	32.284	ng		98
4) n-Nitrosodimethylamine	3.83	42	70163	34.498	ng	#	93
6) Aniline	7.39	93	90308	14.482	ng		93
8) 2-Chlorophenol	7.62	128	170056	41.830	ng		94
9) Benzaldehyde	7.20	77	36739	11.159	ng	#	83
10) Phenol	7.24	94	198656	38.133	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	168231	40.318	ng		97
12) 1,3-Dichlorobenzene	7.94	146	171412	38.787	ng		96
13) 1,4-Dichlorobenzene	8.09	146	176592	40.120	ng		99
14) 1,2-Dichlorobenzene	8.41	146	165415	39.299	ng		94
15) Benzyl Alcohol	8.30	79	161165	41.695	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	306112	38.226	ng		98
17) 2-Methylphenol	8.49	107	158095	43.856	ng		98
18) Hexachloroethane	9.14	117	62844	37.536	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	139416	40.514	ng		98
20) 3+4-Methylphenols	8.82	107	218615	44.765	ng		96
22) Acetophenone	8.89	105	275836	42.585	ng	#	97
24) Nitrobenzene	9.27	77	202261	39.982	ng		97
25) Isophorone	9.79	82	420613	41.845	ng		98
26) 2-Nitrophenol	9.98	139	97464	40.660	ng		97
27) 2,4-Dimethylphenol	10.03	122	188117	49.406	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	246662	41.477	ng		99
29) 2,4-Dichlorophenol	10.51	162	192159	46.495	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	186280	41.048	ng		99
31) Naphthalene	10.92	128	550937	41.393	ng		99
32) Benzoic acid	10.17	122	75205m	32.691	ng		
33) 4-Chloroaniline	11.04	127	20126	3.545	ng		96
34) Hexachlorobutadiene	11.18	225	111278	38.341	ng		97
35) Caprolactam	11.82	113	57511m	35.066	ng		
36) 4-Chloro-3-methylphenol	12.15	107	223532	47.047	ng		99
37) 2-Methylnaphthalene	12.52	142	427043	43.382	ng		97
38) 1-Methylnaphthalene	12.74	142	414756	43.450	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	219858	39.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	247331	81.684	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	166679	46.880	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	179238	46.251	ng		95
46) 1,1'-Biphenyl	13.52	154	566339	41.311	ng		99
47) 2-Chloronaphthalene	13.57	162	439171	41.763	ng		99
48) 2-Nitroaniline	13.78	65	156231	44.045	ng		95
49) Acenaphthylene	14.41	152	755415	42.369	ng		99
50) Dimethylphthalate	14.14	163	602123	44.342	ng		99
51) 2,6-Dinitrotoluene	14.27	165	138115	45.298	ng		97
52) Acenaphthene	14.75	154	443068	43.368	ng		97
53) 3-Nitroaniline	14.60	138	36682	11.366	ng	#	89
54) 2,4-Dinitrophenol	14.81	184	121025	74.636	ng		95
55) Dibenzofuran	15.08	168	729853	44.459	ng		99
56) 4-Nitrophenol	14.91	139	210830	80.938	ng		97
57) 2,4-Dinitrotoluene	15.06	165	195656	46.182	ng		99
58) Fluorene	15.73	166	577267	44.726	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	176908	50.306	ng		97
60) Diethylphthalate	15.49	149	633587	45.597	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	307009	44.500	ng		97
62) 4-Nitroaniline	15.77	138	148603	42.904	ng		97
63) Azobenzene	16.01	77	574128	43.803	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	100863	40.921	ng		100
66) n-Nitrosodiphenylamine	15.94	169	549191	42.778	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	209199	42.372	ng		97
68) Hexachlorobenzene	16.73	284	217005	43.715	ng		95
69) Atrazine	16.88	200	211251	44.234	ng		99
70) Pentachlorophenol	17.08	266	221040	77.019	ng		98
71) Phenanthrene	17.48	178	997183	43.243	ng		99
72) Anthracene	17.57	178	1009226	43.725	ng		99
73) Carbazole	17.84	167	945963	43.306	ng		99
74) Di-n-butylphthalate	18.37	149	1109466	42.849	ng		100
75) Fluoranthene	19.49	202	1197182	43.843	ng		99
77) Benzidine	19.67	184	124749	8.079	ng		98
78) Pyrene	19.84	202	1204881	42.850	ng		99
80) Butylbenzylphthalate	20.71	149	510481	42.426	ng		98
81) Benzo(a)anthracene	21.69	228	1111425	42.200	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	160127	15.983	ng		98
83) Chrysene	21.77	228	1095306	43.273	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	721757	41.963	ng		100
85) Di-n-octyl phthalate	22.79	149	1230731	41.998	ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1352307	43.683	ng	#	85
88) Benzo(b)fluoranthene	23.95	252	1171033	44.012	ng		98
89) Benzo(k)fluoranthene	24.03	252	1142495	46.693	ng		98
90) Benzo(a)pyrene	24.87	252	1147590	45.969	ng		98
91) Dibenzo(a,h)anthracene	28.92	278	1099890	47.438	ng		99
92) Benzo(g,h,i)perylene	30.11	276	1127879	47.334	ng		98

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

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