Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041343.D
Acq On : 20 Jun 2019 2:27
Operator : HP/JU
Sample : K3163-10MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:51 PM

Quant Time: Jun 20 14:25:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39626	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	154431	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	105464	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	257583	20.00	ng		0.00
76) Chrysene-d12	21.74	240	243490	20.00	ng		0.00
87) Perylene-d12	25.06	264	239359	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	266457	123.55	ng		0.00
7) Phenol-d6	7.24	99	345674	110.58	ng		0.00
23) Nitrobenzene-d5	9.27	82	326114	88.81	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	228030	140.84	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	729933	94.07	ng		0.00
79) Terphenyl-d14	20.06	244	1194111	97.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	27161m	25.116	ng		
3) Pyridine	3.90	79	66736	23.262	ng		96
4) n-Nitrosodimethylamine	3.81	42	48980	32.015	ng		99
6) Aniline	7.41	93	68832	15.841	ng		98
8) 2-Chlorophenol	7.64	128	102653	40.510	ng		95
9) Benzaldehyde	7.22	77	83478	41.751	ng		99
10) Phenol	7.27	94	112032	33.327	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	98036	38.436	ng		97
12) 1,3-Dichlorobenzene	7.97	146	120184	37.879	ng		93
13) 1,4-Dichlorobenzene	8.12	146	121657	37.536	ng		92
14) 1,2-Dichlorobenzene	8.44	146	115039	37.161	ng		95
15) Benzyl Alcohol	8.32	79	103915	34.695	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	152864	36.611	ng		98
17) 2-Methylphenol	8.52	107	93970	39.101	ng		95
18) Hexachloroethane	9.16	117	43758	34.070	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	93596	37.019	ng		95
20) 3+4-Methylphenols	8.85	107	127182	39.753	ng		97
22) Acetophenone	8.92	105	181872	40.470	ng	#	97
24) Nitrobenzene	9.31	77	153260	41.499	ng		99
25) Isophorone	9.82	82	267561	39.716	ng		98
26) 2-Nitrophenol	10.02	139	64243	42.908	ng		94
27) 2,4-Dimethylphenol	10.06	122	100783	44.906	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	138969	39.590	ng		99
29) 2,4-Dichlorophenol	10.55	162	123477	44.372	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	145247	40.755	ng		98
31) Naphthalene	10.96	128	348887	41.568	ng		99
32) Benzoic acid	10.21	122	41362	28.311	ng		91
33) 4-Chloroaniline	11.08	127	34115	9.571	ng		94
34) Hexachlorobutadiene	11.21	225	107313	37.934	ng		96
35) Caprolactam	11.87	113	24331m	25.398	ng		
36) 4-Chloro-3-methylphenol	12.19	107	136534	42.477	ng		99
37) 2-Methylnaphthalene	12.56	142	260323	42.112	ng		99
38) 1-Methylnaphthalene	12.77	142	245674	41.538	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	195845	44.971	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	61473	20.956 ng		97
43) 2,4,6-Trichlorophenol	13.16	196	118863	44.121 ng		100
44) 2,4,5-Trichlorophenol	13.24	196	123080	44.402 ng		97
46) 1,1'-Biphenyl	13.55	154	349432	43.827 ng		99
47) 2-Chloronaphthalene	13.61	162	291891	42.523 ng		99
48) 2-Nitroaniline	13.81	65	105336	41.900 ng		99
49) Acenaphthylene	14.45	152	452783	43.469 ng		99
50) Dimethylphthalate	14.17	163	371553	39.595 ng		99
51) 2,6-Dinitrotoluene	14.30	165	83996	42.452 ng		97
52) Acenaphthene	14.78	154	264508	43.244 ng		95
53) 3-Nitroaniline	14.64	138	48334	24.794 ng		99
54) 2,4-Dinitrophenol	14.85	184	27414	22.948 ng		88
55) Dibenzofuran	15.12	168	457692	43.038 ng		97
56) 4-Nitrophenol	14.95	139	108296	73.403 ng		97
57) 2,4-Dinitrotoluene	15.09	165	116773	40.373 ng		98
58) Fluorene	15.76	166	359820	43.011 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	123394m	43.047 ng		
60) Diethylphthalate	15.52	149	371037	38.902 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	227466	41.790 ng		99
62) 4-Nitroaniline	15.80	138	78764	37.777 ng		95
63) Azobenzene	16.05	77	356826	41.935 ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	24485	14.645 ng		96
66) n-Nitrosodiphenylamine	15.97	169	319592	46.728 ng		98
67) 4-Bromophenyl-phenylether	16.64	248	143120	42.971 ng		97
68) Hexachlorobenzene	16.76	284	153755	43.110 ng		97
69) Atrazine	16.91	200	135954	Below Cal		95
70) Pentachlorophenol	17.11	266	176815	96.817 ng		98
71) Phenanthrene	17.51	178	600060	43.679 ng		99
72) Anthracene	17.60	178	613963	45.332 ng		100
73) Carbazole	17.87	167	524045	44.232 ng		99
74) Di-n-butylphthalate	18.40	149	616427	41.698 ng		100
75) Fluoranthene	19.51	202	755645	41.403 ng		99
77) Benzidine	19.70	184	216429	36.749 ng		98
78) Pyrene	19.88	202	759257	46.237 ng		99
80) Butylbenzylphthalate	20.74	149	275467	44.350 ng		97
81) Benzo(a)anthracene	21.73	228	727479	44.126 ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	197568	34.138 ng		98
83) Chrysene	21.80	228	704052	44.407 ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	377453	44.592 ng		98
85) Di-n-octyl phthalate	22.82	149	651578	45.498 ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	514966	27.377 ng	#	98
88) Benzo(b)fluoranthene	24.00	252	670064	45.171 ng		99
89) Benzo(k)fluoranthene	24.07	252	705662	48.020 ng		98
90) Benzo(a)pyrene	24.91	252	643504	45.934 ng		99
91) Dibenzo(a,h)anthracene	28.94	278	446294	31.643 ng		98
92) Benzo(g,h,i)perylene	30.08	276	350192	25.125 ng		98

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

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