Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042265.D
Acq On : 16 Aug 2019 18:35
Operator : HP/JU
Sample : K4264-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MSD

Manual Integrations APPROVED
Jagrut
8/19/2019 2:19:33 PM

Quant Time: Aug 19 09:09:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57849	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	218466	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	163328	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	387098	20.00	ng		0.01
76) Chrysene-d12	21.71	240	425224	20.00	ng		0.01
87) Perylene-d12	24.97	264	514515	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	375903	126.43	ng		0.00
7) Phenol-d6	7.18	99	469996	117.25	ng		0.01
23) Nitrobenzene-d5	9.18	82	311359	98.08	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	341087	183.86	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	953983	103.02	ng		0.00
79) Terphenyl-d14	20.04	244	1830442	98.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	39676	28.351	ng	#	51
3) Pyridine	3.85	79	72545	18.904	ng	#	76
4) n-Nitrosodimethylamine	3.75	42	43383	28.517	ng	#	74
6) Aniline	7.33	93	93917	16.639	ng	#	92
8) 2-Chlorophenol	7.58	128	156500	45.966	ng		87
9) Benzaldehyde	7.14	77	56080	19.883	ng		82
10) Phenol	7.20	94	155890	37.382	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	132080	38.526	ng		84
12) 1,3-Dichlorobenzene	7.90	146	166399m	37.447	ng		
13) 1,4-Dichlorobenzene	8.05	146	169194	38.052	ng		96
14) 1,2-Dichlorobenzene	8.37	146	161519	38.070	ng		94
15) Benzyl Alcohol	8.25	79	116388	36.907	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	165377	27.114	ng		88
17) 2-Methylphenol	8.46	107	126152	41.596	ng		94
18) Hexachloroethane	9.11	117	55186	36.244	ng		87
19) n-Nitroso-di-n-propylamine	8.82	70	101539	34.891	ng	#	81
20) 3+4-Methylphenols	8.79	107	170551	41.094	ng		97
22) Acetophenone	8.84	105	219809	44.982	ng	#	86
24) Nitrobenzene	9.22	77	148211	44.315	ng		91
25) Isophorone	9.75	82	292882	42.410	ng		96
26) 2-Nitrophenol	9.94	139	95343	61.424	ng	#	88
27) 2,4-Dimethylphenol	10.01	122	151069	55.144	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	180072	41.726	ng		98
29) 2,4-Dichlorophenol	10.49	162	181544	54.417	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	190800	45.100	ng		97
31) Naphthalene	10.89	128	467398	46.747	ng		97
32) Benzoic acid	10.15	122	57523	32.776	ng		93
33) 4-Chloroaniline	11.00	127	29731	6.270	ng	#	92
34) Hexachlorobutadiene	11.17	225	120091	42.059	ng		98
35) Caprolactam	11.77	113	42517m	36.671	ng		
36) 4-Chloro-3-methylphenol	12.13	107	173034	52.315	ng		97
37) 2-Methylnaphthalene	12.50	142	379668	47.973	ng		98
38) 1-Methylnaphthalene	12.72	142	361660	48.221	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	235538	45.559	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	249806	85.941	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	169617	51.908	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	184617	54.368	ng	#	92
46) 1,1'-Biphenyl	13.51	154	499581	47.583	ng		95
47) 2-Chloronaphthalene	13.55	162	407985	45.641	ng		95
48) 2-Nitroaniline	13.75	65	99443	43.863	ng	#	71
49) Acenaphthylene	14.40	152	661423	49.466	ng		97
50) Dimethylphthalate	14.13	163	563328	50.502	ng		98
51) 2,6-Dinitrotoluene	14.25	165	134826	57.805	ng	#	77
52) Acenaphthene	14.74	154	393682	45.269	ng		99
53) 3-Nitroaniline	14.58	138	63879	25.600	ng	#	85
54) 2,4-Dinitrophenol	14.79	184	182129	112.104	ng	#	80
55) Dibenzofuran	15.08	168	663245	49.861	ng		92
56) 4-Nitrophenol	14.90	139	220757	116.549	ng	#	82
57) 2,4-Dinitrotoluene	15.04	165	194757	60.717	ng	#	82
58) Fluorene	15.73	166	546049	51.153	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	188217	55.964	ng	#	90
60) Diethylphthalate	15.49	149	553858	50.575	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	316863	48.622	ng		93
62) 4-Nitroaniline	15.75	138	133647	49.448	ng		94
63) Azobenzene	16.01	77	382975	42.810	ng		89
65) 4,6-Dinitro-2-methylphenol	15.81	198	128814	65.136	ng		79
66) n-Nitrosodiphenylamine	15.93	169	516784	49.011	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	223801	46.935	ng		96
68) Hexachlorobenzene	16.74	284	237592	47.628	ng	#	89
69) Atrazine	16.88	200	200076	48.294	ng		99
70) Pentachlorophenol	17.09	266	310172	109.452	ng		99
71) Phenanthrene	17.47	178	938060	50.556	ng		94
72) Anthracene	17.56	178	965601	52.180	ng		94
73) Carbazole	17.83	167	886389	53.367	ng	#	94
74) Di-n-butylphthalate	18.39	149	1005032	53.375	ng	#	95
75) Fluoranthene	19.48	202	1230123	54.542	ng		92
77) Benzidine	19.66	184	148906	10.729	ng		96
78) Pyrene	19.85	202	1241623	49.283	ng		92
80) Butylbenzylphthalate	20.73	149	492249	50.961	ng	#	84
81) Benzo(a)anthracene	21.69	228	1226884	48.767	ng		94
82) 3,3'-Dichlorobenzidine	21.60	252	359519	35.593	ng	#	98
83) Chrysene	21.76	228	1195804	49.586	ng		94
84) Bis(2-ethylhexyl)phthalate	21.60	149	681971	51.183	ng		98
85) Di-n-octyl phthalate	22.82	149	1175879	52.438	ng	#	85
86) Indeno(1,2,3-cd)pyrene	28.70	276	1648838	51.649	ng	#	94
88) Benzo(b)fluoranthene	23.94	252	1367706	48.593	ng	#	94
89) Benzo(k)fluoranthene	24.01	252	1338942	48.836	ng	#	95
90) Benzo(a)pyrene	24.82	252	1346970	49.898	ng	#	95
91) Dibenzo(a,h)anthracene	28.77	278	1354965	51.119	ng	#	96
92) Benzo(g,h,i)perylene	29.87	276	1369839	51.728	ng	#	94

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

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