Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040970.D
Acq On : 31 May 2019 3:47
Operator : HP/JU
Sample : K3041-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SMSD

Manual Integrations APPROVED
mohammad
5/31/2019 8:19:25 AM

Quant Time: May 31 05:01:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74060	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	274338	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	192091	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	494538	20.00	ng		0.00
76) Chrysene-d12	21.78	240	489287	20.00	ng		0.00
87) Perylene-d12	25.12	264	515676	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	510555	124.31	ng		0.00
7) Phenol-d6	7.27	99	671106	105.80	ng		0.00
23) Nitrobenzene-d5	9.30	82	550987	89.16	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	407981	143.06	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1141582	85.58	ng		0.00
79) Terphenyl-d14	20.09	244	2035503	88.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	59400	31.872	ng	#	43
3) Pyridine	3.95	79	144179	26.144	ng		96
4) n-Nitrosodimethylamine	3.86	42	102422	40.017	ng		85
6) Aniline	7.45	93	159891	18.885	ng		96
8) 2-Chlorophenol	7.68	128	199153	40.673	ng		96
9) Benzaldehyde	7.26	77	100458	26.549	ng		92
10) Phenol	7.30	94	233371	34.314	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	195149	39.554	ng		99
12) 1,3-Dichlorobenzene	8.01	146	209326	35.794	ng		96
13) 1,4-Dichlorobenzene	8.16	146	213260	36.026	ng		98
14) 1,2-Dichlorobenzene	8.48	146	204167	35.522	ng		99
15) Benzyl Alcohol	8.36	79	236237	40.262	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311300	38.613	ng		99
17) 2-Methylphenol	8.56	107	184607	37.490	ng		98
18) Hexachloroethane	9.21	117	80442	35.258	ng		90
19) n-Nitroso-di-n-propylamine	8.93	70	185794	38.062	ng		98
20) 3+4-Methylphenols	8.89	107	250914	36.786	ng		97
22) Acetophenone	8.96	105	350290	45.518	ng	#	96
24) Nitrobenzene	9.35	77	284961	45.249	ng		98
25) Isophorone	9.86	82	531427	45.188	ng		98
26) 2-Nitrophenol	10.06	139	122290	47.103	ng		93
27) 2,4-Dimethylphenol	10.10	122	201536	47.002	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	276922	43.628	ng		98
29) 2,4-Dichlorophenol	10.59	162	236579	43.449	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	257964	41.647	ng		97
31) Naphthalene	11.00	128	632524	42.943	ng		97
32) Benzoic acid	10.23	122	116242	37.090	ng		96
33) 4-Chloroaniline	11.11	127	64400	9.423	ng		97
34) Hexachlorobutadiene	11.26	225	188803	39.836	ng		98
35) Caprolactam	11.90	113	57133m	31.775	ng		
36) 4-Chloro-3-methylphenol	12.21	107	264461	42.528	ng		96
37) 2-Methylnaphthalene	12.59	142	476550	42.008	ng		98
38) 1-Methylnaphthalene	12.81	142	456141	42.669	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	342971	44.298	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	396876	93.779	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	228318	45.585	ng		98
44) 2,4,5-Trichlorophenol	13.26	196	240219	45.477	ng		96
46) 1,1'-Biphenyl	13.59	154	646173	45.444	ng		99
47) 2-Chloronaphthalene	13.64	162	533511	43.706	ng		99
48) 2-Nitroaniline	13.85	65	198097	45.236	ng		100
49) Acenaphthylene	14.48	152	832131	45.294	ng		99
50) Dimethylphthalate	14.20	163	725827	44.637	ng		99
51) 2,6-Dinitrotoluene	14.33	165	159655	45.539	ng		97
52) Acenaphthene	14.82	154	489271	43.961	ng		100
53) 3-Nitroaniline	14.67	138	107158	30.566	ng		96
54) 2,4-Dinitrophenol	14.87	184	192666	96.761	ng		95
55) Dibenzofuran	15.15	168	839998	44.854	ng		99
56) 4-Nitrophenol	14.96	139	222770	92.641	ng		95
57) 2,4-Dinitrotoluene	15.12	165	232455	46.938	ng	#	95
58) Fluorene	15.80	166	660142	44.263	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	250945	48.341	ng		98
60) Diethylphthalate	15.56	149	744460	44.862	ng		100
61) 4-Chlorophenyl-phenylether	15.79	204	425104	43.853	ng		98
62) 4-Nitroaniline	15.83	138	152964	41.213	ng		98
63) Azobenzene	16.08	77	676396	44.847	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	133729	50.022	ng		92
66) n-Nitrosodiphenylamine	16.00	169	614611	44.210	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	277556	41.588	ng		95
68) Hexachlorobenzene	16.79	284	291273	40.985	ng		98
69) Atrazine	16.94	200	272167	50.738	ng		97
70) Pentachlorophenol	17.14	266	356079	92.811	ng		96
71) Phenanthrene	17.54	178	1126087	43.715	ng		99
72) Anthracene	17.64	178	1153437	45.400	ng		98
73) Carbazole	17.91	167	1013225	46.479	ng		100
74) Di-n-butylphthalate	18.43	149	1204485	44.456	ng		97
75) Fluoranthene	19.55	202	1455351	45.740	ng		97
77) Benzidine	19.73	184	28914	2.477	ng		99
78) Pyrene	19.90	202	1453582	45.700	ng		99
80) Butylbenzylphthalate	20.77	149	562810	45.469	ng		97
81) Benzo(a)anthracene	21.76	228	1397567	42.910	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	359975	31.423	ng		97
83) Chrysene	21.83	228	1378663	44.233	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	756575	43.420	ng		99
85) Di-n-octyl phthalate	22.88	149	1272354	43.845	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1680683	44.020	ng		100
88) Benzo(b)fluoranthene	24.05	252	1451810	46.417	ng		100
89) Benzo(k)fluoranthene	24.12	252	1385868	44.776	ng		98
90) Benzo(a)pyrene	24.97	252	1382521	46.330	ng		96
91) Dibenzo(a,h)anthracene	29.03	278	1385902	46.479	ng		99
92) Benzo(g,h,i)perylene	30.18	276	1393936	48.119	ng		99

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

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