Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041284.D
Acq On : 17 Jun 2019 23:29
Operator : HP/JU
Sample : K3154-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-061419-AMSD

Manual Integrations APPROVED
mohammad
6/20/2019 10:48:50 AM

Quant Time: Jun 18 13:11:23 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	41847	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	154881	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	109059	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	271118	20.00	ng		0.00
76) Chrysene-d12	21.74	240	271265	20.00	ng		0.00
87) Perylene-d12	25.05	264	291395	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	298788	131.19	ng		0.00
7) Phenol-d6	7.24	99	381273	115.49	ng		0.00
23) Nitrobenzene-d5	9.27	82	342158	92.91	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	246235	147.07	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	756155	94.24	ng		0.00
79) Terphenyl-d14	20.06	244	1341195	97.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	32917	28.823	ng	#	1
3) Pyridine	3.91	79	79561	26.261	ng		93
4) n-Nitrosodimethylamine	3.81	42	60461	37.422	ng		95
6) Aniline	7.41	93	51775	11.283	ng		98
8) 2-Chlorophenol	7.64	128	111358	41.612	ng		95
9) Benzaldehyde	7.22	77	103416	48.978	ng		90
10) Phenol	7.27	94	125486	35.348	ng		94
11) bis(2-Chloroethyl)ether	7.50	93	105290	39.089	ng		97
12) 1,3-Dichlorobenzene	7.97	146	131029	39.105	ng		94
13) 1,4-Dichlorobenzene	8.12	146	131335	38.372	ng		94
14) 1,2-Dichlorobenzene	8.44	146	127176	38.902	ng		96
15) Benzyl Alcohol	8.33	79	123363	39.002	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.61	45	167587	38.006	ng		99
17) 2-Methylphenol	8.53	107	103428	40.752	ng		96
18) Hexachloroethane	9.17	117	50857	37.496	ng		92
19) n-Nitroso-di-n-propylamine	8.89	70	104112	38.993	ng		97
20) 3+4-Methylphenols	8.85	107	135633	40.144	ng		94
22) Acetophenone	8.92	105	199869	44.346	ng		97
24) Nitrobenzene	9.31	77	164828	44.502	ng		99
25) Isophorone	9.82	82	291232	43.105	ng		99
26) 2-Nitrophenol	10.02	139	69886	46.541	ng		97
27) 2,4-Dimethylphenol	10.06	122	118501	52.648	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	150169	42.657	ng		97
29) 2,4-Dichlorophenol	10.55	162	133135	47.704	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	152743	42.734	ng		97
31) Naphthalene	10.96	128	377506	44.847	ng		98
32) Benzoic acid	10.20	122	35156	23.994	ng		97
33) 4-Chloroaniline	11.08	127	13113	3.668	ng	#	91
34) Hexachlorobutadiene	11.22	225	115012	40.538	ng		99
35) Caprolactam	11.86	113	30249m	31.484	ng		
36) 4-Chloro-3-methylphenol	12.19	107	146773	45.530	ng		96
37) 2-Methylnaphthalene	12.56	142	277725	44.797	ng		95
38) 1-Methylnaphthalene	12.77	142	260910	43.986	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	209305	46.477	ng		99

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Quant Time: Jun 18 13:11:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	197750	65.190 ng		99
43) 2,4,6-Trichlorophenol	13.15	196	128272	46.044 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	137138	47.842 ng		95
46) 1,1'-Biphenyl	13.55	154	373973	45.359 ng		98
47) 2-Chloronaphthalene	13.60	162	317783	44.769 ng		98
48) 2-Nitroaniline	13.81	65	111317	42.820 ng		97
49) Acenaphthylene	14.45	152	487755	45.282 ng		99
50) Dimethylphthalate	14.17	163	407961	42.042 ng		99
51) 2,6-Dinitrotoluene	14.30	165	93367	45.633 ng		96
52) Acenaphthene	14.78	154	284976	45.055 ng		95
53) 3-Nitroaniline	14.64	138	28804	14.289 ng	#	95
54) 2,4-Dinitrophenol	14.84	184	69670	49.334 ng		93
55) Dibenzofuran	15.12	168	492393	44.774 ng		99
56) 4-Nitrophenol	14.94	139	121322	79.254 ng		97
57) 2,4-Dinitrotoluene	15.09	165	132509	44.304 ng	#	97
58) Fluorene	15.76	166	393253	45.458 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	141074m	47.592 ng		
60) Diethylphthalate	15.52	149	417603	42.341 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	241042	42.825 ng		97
62) 4-Nitroaniline	15.80	138	82228	38.139 ng		96
63) Azobenzene	16.04	77	391825	44.531 ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	57105	32.450 ng		98
66) n-Nitrosodiphenylamine	15.97	169	353798	49.146 ng		98
67) 4-Bromophenyl-phenylether	16.64	248	157655	44.972 ng		97
68) Hexachlorobenzene	16.76	284	165242	44.018 ng		95
70) Pentachlorophenol	17.11	266	180409	93.853 ng		98
71) Phenanthrene	17.51	178	665988	46.058 ng		100
72) Anthracene	17.60	178	680168	47.713 ng		99
73) Carbazole	17.87	167	585203	46.928 ng		99
74) Di-n-butylphthalate	18.40	149	695760	44.715 ng		100
75) Fluoranthene	19.51	202	861249	44.834 ng		98
77) Benzidine	19.69	184	118103	18.000 ng		99
78) Pyrene	19.88	202	871816	47.655 ng		99
80) Butylbenzylphthalate	20.74	149	314545	45.456 ng		98
81) Benzo(a)anthracene	21.72	228	850998	46.333 ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	108117	16.769 ng		96
83) Chrysene	21.79	228	812148	45.980 ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	439023	46.555 ng		99
85) Di-n-octyl phthalate	22.82	149	746213	46.771 ng		99
86) Indeno(1,2,3-cd)pyrene	28.86	276	977818	46.660 ng		99
88) Benzo(b)fluoranthene	23.99	252	825923	45.735 ng		99
89) Benzo(k)fluoranthene	24.06	252	814353	45.521 ng		99
90) Benzo(a)pyrene	24.89	252	821185	48.149 ng		99
91) Dibenzo(a,h)anthracene	28.92	278	806058	46.945 ng		99
92) Benzo(g,h,i)perylene	30.06	276	805445	47.467 ng		99

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

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