Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041207.D
Acq On : 12 Jun 2019 15:39
Operator : HP/JU
Sample : K3283-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 200030-200034MSD

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:40 AM

Quant Time: Jun 13 07:39:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44062	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	179742	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	134537	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	334518	20.00	ng		0.00
76) Chrysene-d12	21.76	240	329721	20.00	ng		0.00
87) Perylene-d12	25.09	264	346220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	413953	169.41	ng		0.00
7) Phenol-d6	7.26	99	634029	168.01	ng		0.01
23) Nitrobenzene-d5	9.29	82	437507	108.06	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	349450	174.96	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	948395	101.52	ng		0.00
79) Terphenyl-d14	20.07	244	1590247	102.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	36925	33.301	ng		94
3) Pyridine	3.91	79	73576	22.425	ng		97
4) n-Nitrosodimethylamine	3.83	42	66793	43.864	ng		83
6) Aniline	7.43	93	133438	26.491	ng		95
8) 2-Chlorophenol	7.66	128	137868	47.326	ng		98
9) Benzaldehyde	7.25	77	38433	17.072	ng		87
10) Phenol	7.28	94	190784	47.151	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	126679	43.156	ng		99
12) 1,3-Dichlorobenzene	7.99	146	142142	40.853	ng		95
13) 1,4-Dichlorobenzene	8.14	146	147416	41.857	ng		97
14) 1,2-Dichlorobenzene	8.46	146	143940	42.093	ng		99
15) Benzyl Alcohol	8.35	79	160932	46.101	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	189782	39.566	ng		94
17) 2-Methylphenol	8.54	107	130530	44.555	ng		97
18) Hexachloroethane	9.19	117	54225	39.948	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	120237	41.402	ng		97
20) 3+4-Methylphenols	8.87	107	181026	44.608	ng		98
22) Acetophenone	8.94	105	235522	46.711	ng	#	96
24) Nitrobenzene	9.33	77	196315	47.579	ng		99
25) Isophorone	9.84	82	351088	45.565	ng		98
26) 2-Nitrophenol	10.04	139	86454	50.826	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	148520	52.867	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	181256	43.585	ng		96
29) 2,4-Dichlorophenol	10.57	162	175938	49.318	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	184413	45.441	ng		98
31) Naphthalene	10.98	128	450625	46.694	ng		99
32) Benzoic acid	10.19	122	27723	18.672	ng		92
33) 4-Chloroaniline	11.09	127	123139	27.500	ng		94
34) Hexachlorobutadiene	11.24	225	129023	41.550	ng		94
35) Caprolactam	11.89	113	51626m	43.823	ng		
36) 4-Chloro-3-methylphenol	12.19	107	196344	48.191	ng		99
37) 2-Methylnaphthalene	12.57	142	346702	46.646	ng		98
38) 1-Methylnaphthalene	12.79	142	328484	46.899	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	260593	48.057	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	284660	95.840 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	171222	48.810 ng	92
44) 2,4,5-Trichlorophenol	13.25	196	182037	49.205 ng	98
46) 1,1'-Biphenyl	13.57	154	475826	47.780 ng	99
47) 2-Chloronaphthalene	13.62	162	398360	46.595 ng	99
48) 2-Nitroaniline	13.83	65	145277	47.367 ng	97
49) Acenaphthylene	14.47	152	610531	47.448 ng	99
50) Dimethylphthalate	14.19	163	628243	55.164 ng	99
51) 2,6-Dinitrotoluene	14.32	165	117892	48.012 ng	97
52) Acenaphthene	14.80	154	357164	45.820 ng	95
53) 3-Nitroaniline	14.66	138	98485	40.110 ng	97
54) 2,4-Dinitrophenol	14.86	184	76493	65.306 ng	93
55) Dibenzofuran	15.13	168	623947	47.571 ng	99
56) 4-Nitrophenol	14.96	139	168568	100.089 ng	90
57) 2,4-Dinitrotoluene	15.10	165	171044	49.313 ng	98
58) Fluorene	15.78	166	488524	46.769 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	193392	53.192 ng	97
60) Diethylphthalate	15.54	149	530689	45.661 ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	310250	45.696 ng	94
62) 4-Nitroaniline	15.82	138	113984	43.849 ng	97
63) Azobenzene	16.06	77	483736	45.793 ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	89823	49.732 ng	96
66) n-Nitrosodiphenylamine	15.98	169	453372	48.212 ng	98
67) 4-Bromophenyl-phenylether	16.66	248	201710	44.681 ng	96
68) Hexachlorobenzene	16.78	284	211544	44.006 ng	100
69) Atrazine	16.92	200	192614	53.084 ng	99
70) Pentachlorophenol	17.12	266	243169	93.660 ng	98
71) Phenanthrene	17.52	178	835602	47.956 ng	100
72) Anthracene	17.62	178	833434	48.497 ng	98
73) Carbazole	17.89	167	731883	49.634 ng	99
74) Di-n-butylphthalate	18.42	149	825132	45.023 ng	97
75) Fluoranthene	19.53	202	1097680	51.002 ng	99
77) Benzidine	19.71	184	91810	11.672 ng	96
78) Pyrene	19.89	202	1088497	50.784 ng	99
80) Butylbenzylphthalate	20.76	149	385668	46.236 ng	97
81) Benzo(a)anthracene	21.74	228	1032930	47.062 ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	267072	34.596 ng	98
83) Chrysene	21.81	228	1021795	48.649 ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	598685	50.986 ng	99
85) Di-n-octyl phthalate	22.84	149	933400	47.730 ng	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	1070259m	41.597 ng	
88) Benzo(b)fluoranthene	24.02	252	1050492	50.025 ng	100
89) Benzo(k)fluoranthene	24.09	252	992774	47.775 ng	99
90) Benzo(a)pyrene	24.93	252	1014913	50.657 ng	96
91) Dibenzo(a,h)anthracene	28.97	278	837285	41.824 ng	97
92) Benzo(g,h,i)perylene	30.10	276	783600	40.290 ng	100

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

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