Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041504.D
Acq On : 28 Jun 2019 3:12
Operator : HP/JU
Sample : K3552-19MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-10MSD

Manual Integrations APPROVED
mohammad
7/1/2019 8:11:07 AM

Quant Time: Jun 28 14:19:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22987	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	90151	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	67085	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	178298	20.00	ng		0.00
76) Chrysene-d12	21.70	240	188241	20.00	ng		0.00
87) Perylene-d12	24.98	264	200462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	149949	116.30	ng		0.00
7) Phenol-d6	7.19	99	222348	122.50	ng		0.00
23) Nitrobenzene-d5	9.21	82	156396	72.35	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	120820	105.48	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	361566	69.16	ng		0.00
79) Terphenyl-d14	20.02	244	732731	82.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	14058	24.087	ng		91
3) Pyridine	3.83	79	15567	10.512	ng		96
4) n-Nitrosodimethylamine	3.74	42	24113	29.262	ng		87
6) Aniline	7.35	93	40094	17.137	ng		94
8) 2-Chlorophenol	7.59	128	48679	33.665	ng		96
9) Benzaldehyde	7.17	77	36755	33.532	ng		94
10) Phenol	7.21	94	62759	34.308	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	40746	28.088	ng		95
12) 1,3-Dichlorobenzene	7.91	146	51102	27.320	ng		98
13) 1,4-Dichlorobenzene	8.07	146	55003	29.169	ng		94
14) 1,2-Dichlorobenzene	8.38	146	52323	28.980	ng		99
15) Benzyl Alcohol	8.28	79	44923	31.079	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	56361	27.666	ng		95
17) 2-Methylphenol	8.48	107	43349	32.554	ng		95
18) Hexachloroethane	9.11	117	21204	28.499	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	39158	28.923	ng		95
20) 3+4-Methylphenols	8.81	107	57896	32.621	ng		97
22) Acetophenone	8.86	105	79707	29.476	ng	#	98
24) Nitrobenzene	9.25	77	65150	30.028	ng		95
25) Isophorone	9.76	82	114722	29.561	ng		98
26) 2-Nitrophenol	9.96	139	26403	29.139	ng		92
27) 2,4-Dimethylphenol	10.02	122	45106	35.768	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	57813	28.172	ng		99
29) 2,4-Dichlorophenol	10.50	162	55488	32.576	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	64521	29.554	ng		97
31) Naphthalene	10.90	128	155013	31.092	ng		97
32) Benzoic acid	10.18	122	4004m	10.296	ng		
33) 4-Chloroaniline	11.02	127	41700	19.870	ng		96
34) Hexachlorobutadiene	11.16	225	50431	29.101	ng		98
35) Caprolactam	11.80	113	15052	28.301	ng		88
36) 4-Chloro-3-methylphenol	12.14	107	59206	32.080	ng		97
37) 2-Methylnaphthalene	12.51	142	116763	31.701	ng		97
38) 1-Methylnaphthalene	12.72	142	108387	30.845	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	91702	31.043	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71742	46.369	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	53343	30.436	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	54294	31.095	ng		94
46) 1,1'-Biphenyl	13.51	154	159154	30.054	ng		95
47) 2-Chloronaphthalene	13.56	162	134068	29.488	ng		98
48) 2-Nitroaniline	13.77	65	42211	27.388	ng		94
49) Acenaphthylene	14.40	152	213437	31.408	ng		99
50) Dimethylphthalate	14.12	163	256833	42.070	ng		99
51) 2,6-Dinitrotoluene	14.26	165	38673	29.851	ng		94
52) Acenaphthene	14.74	154	123731	30.704	ng		97
53) 3-Nitroaniline	14.60	138	29976	24.237	ng		93
54) 2,4-Dinitrophenol	14.82	184	9938	18.377	ng		93
55) Dibenzofuran	15.07	168	217597	31.017	ng		100
56) 4-Nitrophenol	14.90	139	47171	59.098	ng		92
57) 2,4-Dinitrotoluene	15.05	165	55428	29.491	ng	#	98
58) Fluorene	15.72	166	171570	30.741	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	59136	32.127	ng		98
60) Diethylphthalate	15.47	149	182275	29.169	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	109203	30.335	ng		98
62) 4-Nitroaniline	15.76	138	38222	31.709	ng		96
63) Azobenzene	16.00	77	160980	30.554	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	19537	17.692	ng		95
66) n-Nitrosodiphenylamine	15.93	169	152880	31.155	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	74211	30.458	ng		94
68) Hexachlorobenzene	16.72	284	78513	29.908	ng		100
69) Atrazine	16.87	200	66433	31.983	ng		99
70) Pentachlorophenol	17.07	266	65010	54.653	ng		93
71) Phenanthrene	17.47	178	302183	30.761	ng		99
72) Anthracene	17.56	178	310278	31.567	ng		99
73) Carbazole	17.83	167	265682	31.797	ng		97
74) Di-n-butylphthalate	18.36	149	305541	29.094	ng		99
75) Fluoranthene	19.47	202	403248	30.788	ng		99
77) Benzidine	19.67	184	26733m	6.401	ng		
78) Pyrene	19.83	202	404845	31.504	ng		100
80) Butylbenzylphthalate	20.70	149	142037	29.596	ng		96
81) Benzo(a)anthracene	21.67	228	402748	30.774	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	111364	24.574	ng		99
83) Chrysene	21.74	228	394020	31.104	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	198021	29.104	ng		100
85) Di-n-octyl phthalate	22.76	149	342787	29.772	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	456511	29.761	ng	#	98
88) Benzo(b)fluoranthene	23.92	252	393878	30.806	ng		99
89) Benzo(k)fluoranthene	24.00	252	401262	31.966	ng		98
90) Benzo(a)pyrene	24.82	252	385886	31.777	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	372376	30.609	ng		100
92) Benzo(g,h,i)perylene	29.93	276	377732	31.228	ng		99

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

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