Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041591.D
Acq On : 3 Jul 2019 15:54
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/5/2019 8:42:54 AM

Quant Time: Jul 04 00:28:16 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	23273	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	90701	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	67731	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	188264	20.00	ng		0.00
76) Chrysene-d12	21.70	240	206229	20.00	ng		0.00
87) Perylene-d12	24.98	264	224170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	104145	79.78	ng		0.00
7) Phenol-d6	7.19	99	147579	80.31	ng		0.00
23) Nitrobenzene-d5	9.21	82	171336	78.79	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	93286	80.66	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	408158	77.33	ng		0.00
79) Terphenyl-d14	20.02	244	764002	78.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	23498	39.766	ng		97
3) Pyridine	3.83	79	60688	40.479	ng		95
4) n-Nitrosodimethylamine	3.75	42	33294	39.907	ng	#	96
6) Aniline	7.35	93	93839	39.616	ng		95
8) 2-Chlorophenol	7.59	128	60252	41.157	ng		96
9) Benzaldehyde	7.17	77	41734	37.606	ng		96
10) Phenol	7.22	94	73775	39.835	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	58022	39.505	ng		95
12) 1,3-Dichlorobenzene	7.91	146	77034	40.677	ng		99
13) 1,4-Dichlorobenzene	8.06	146	77101	40.385	ng		95
14) 1,2-Dichlorobenzene	8.38	146	73297	40.098	ng		98
15) Benzyl Alcohol	8.28	79	59168	40.431	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	71507	34.670	ng		95
17) 2-Methylphenol	8.47	107	53522	39.700	ng		99
18) Hexachloroethane	9.11	117	29631	39.335	ng		89
19) n-Nitroso-di-n-propylamine	8.84	70	52615	38.385	ng		95
20) 3+4-Methylphenols	8.81	107	70472	39.219	ng		97
22) Acetophenone	8.86	105	108676	39.945	ng	#	98
24) Nitrobenzene	9.25	77	84780	38.839	ng		94
25) Isophorone	9.77	82	149848	38.379	ng		99
26) 2-Nitrophenol	9.96	139	35135	38.541	ng		95
27) 2,4-Dimethylphenol	10.01	122	49784	39.238	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	78612	38.076	ng		99
29) 2,4-Dichlorophenol	10.51	162	69666	40.651	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	88385	40.239	ng		95
31) Naphthalene	10.91	128	198338	39.541	ng		97
32) Benzoic acid	10.17	122	24020	37.193	ng		94
33) 4-Chloroaniline	11.02	127	81476	38.587	ng		94
34) Hexachlorobutadiene	11.16	225	69920	40.102	ng		99
35) Caprolactam	11.82	113	21871	40.872	ng		90
36) 4-Chloro-3-methylphenol	12.14	107	73764	39.726	ng		97
37) 2-Methylnaphthalene	12.50	142	145013	39.132	ng		96
38) 1-Methylnaphthalene	12.72	142	139383	39.425	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	117319	39.337	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	51908	34.263	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	66680	37.683	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	66447	37.693	ng		99
46) 1,1'-Biphenyl	13.51	154	203934	38.143	ng		98
47) 2-Chloronaphthalene	13.55	162	175655	38.267	ng		100
48) 2-Nitroaniline	13.77	65	57335	36.847	ng		94
49) Acenaphthylene	14.40	152	264935	38.615	ng		98
50) Dimethylphthalate	14.12	163	236817	38.422	ng		96
51) 2,6-Dinitrotoluene	14.26	165	49273	37.670	ng		97
52) Acenaphthene	14.74	154	156984	38.584	ng		98
53) 3-Nitroaniline	14.60	138	48412	38.770	ng		93
54) 2,4-Dinitrophenol	14.81	184	24653	33.564	ng		96
55) Dibenzofuran	15.07	168	279442	39.453	ng		99
56) 4-Nitrophenol	14.92	139	30249	37.536	ng		95
57) 2,4-Dinitrotoluene	15.05	165	73322	38.640	ng		94
58) Fluorene	15.72	166	221590	39.325	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	77732m	41.827	ng		
60) Diethylphthalate	15.48	149	244819	38.804	ng		96
61) 4-Chlorophenyl-phenylether	15.71	204	146819	40.395	ng		96
62) 4-Nitroaniline	15.76	138	47830	39.302	ng		95
63) Azobenzene	16.00	77	206803	38.877	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	42553	36.495	ng		97
66) n-Nitrosodiphenylamine	15.93	169	198078	38.228	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	100600	39.103	ng		97
68) Hexachlorobenzene	16.72	284	110688	39.932	ng		98
69) Atrazine	16.87	200	78335	35.717	ng		96
70) Pentachlorophenol	17.07	266	44250	35.231	ng		96
71) Phenanthrene	17.47	178	403576	38.908	ng		100
72) Anthracene	17.56	178	402890	38.820	ng		99
73) Carbazole	17.83	167	347705	39.410	ng		99
74) Di-n-butylphthalate	18.36	149	424548	38.286	ng		99
75) Fluoranthene	19.47	202	547467	39.587	ng		99
77) Benzidine	19.66	184	174761	38.193	ng		99
78) Pyrene	19.84	202	546616	38.826	ng		99
80) Butylbenzylphthalate	20.70	149	186021	35.380	ng		99
81) Benzo(a)anthracene	21.68	228	555459	38.741	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	195038	39.284	ng		98
83) Chrysene	21.75	228	538759	38.820	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	266883	35.804	ng		100
85) Di-n-octyl phthalate	22.76	149	461293	36.570	ng		98
86) Indeno(1,2,3-cd)pyrene	28.75	276	660503	39.304	ng	#	99
88) Benzo(b)fluoranthene	23.93	252	567345m	39.680	ng		
89) Benzo(k)fluoranthene	24.00	252	549706	39.160	ng		98
90) Benzo(a)pyrene	24.83	252	531119	39.111	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	537165	39.484	ng		99
92) Benzo(g,h,i)perylene	29.95	276	531862	39.320	ng		99

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

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