Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041574.D
Acq On : 2 Jul 2019 15:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/3/2019 10:55:24 PM

Quant Time: Jul 03 07:45:28 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	23729	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	84165	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	59941	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	166600	20.00	ng		0.00
76) Chrysene-d12	21.70	240	201502	20.00	ng		0.00
87) Perylene-d12	24.99	264	223870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	101179	76.02	ng		0.00
7) Phenol-d6	7.19	99	136944	73.09	ng		0.00
23) Nitrobenzene-d5	9.21	82	155746	77.18	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	81757	79.88	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	368677	78.93	ng		0.00
79) Terphenyl-d14	20.02	244	738658	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	23352	38.760	ng		98
3) Pyridine	3.83	79	59979	39.237	ng		96
4) n-Nitrosodimethylamine	3.75	42	32019	37.641	ng	#	94
6) Aniline	7.36	93	85853	35.548	ng		97
8) 2-Chlorophenol	7.59	128	55023	36.862	ng		98
9) Benzaldehyde	7.17	77	37843	33.445	ng		96
10) Phenol	7.22	94	67097	35.533	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	52671	35.172	ng		98
12) 1,3-Dichlorobenzene	7.91	146	70836	36.685	ng		97
13) 1,4-Dichlorobenzene	8.07	146	74182	38.109	ng		97
14) 1,2-Dichlorobenzene	8.38	146	68749	36.888	ng		96
15) Benzyl Alcohol	8.28	79	51396	34.445	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	67688	32.188	ng		94
17) 2-Methylphenol	8.48	107	50010	36.382	ng		99
18) Hexachloroethane	9.11	117	28060	36.534	ng		88
19) n-Nitroso-di-n-propylamine	8.83	70	48684	34.835	ng		98
20) 3+4-Methylphenols	8.81	107	66627	36.367	ng		97
22) Acetophenone	8.87	105	96902	38.383	ng	#	98
24) Nitrobenzene	9.25	77	77463	38.242	ng		99
25) Isophorone	9.77	82	136401	37.647	ng		99
26) 2-Nitrophenol	9.96	139	32402	38.303	ng		94
27) 2,4-Dimethylphenol	10.01	122	45067	38.278	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	70251	36.668	ng		97
29) 2,4-Dichlorophenol	10.51	162	62572	39.347	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	78775	38.649	ng		94
31) Naphthalene	10.91	128	180870	38.859	ng		98
32) Benzoic acid	10.17	122	29084m	44.141	ng		
33) 4-Chloroaniline	11.02	127	72401	36.952	ng		96
34) Hexachlorobutadiene	11.16	225	63714	39.380	ng		93
35) Caprolactam	11.82	113	19470m	39.211	ng		
36) 4-Chloro-3-methylphenol	12.14	107	64634	37.512	ng		94
37) 2-Methylnaphthalene	12.50	142	131685	38.295	ng		96
38) 1-Methylnaphthalene	12.73	142	123988	37.794	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	104788	39.701	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	48071	35.685	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	60355	38.541	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	64610	41.414	ng		94
46) 1,1'-Biphenyl	13.51	154	181045	38.262	ng		98
47) 2-Chloronaphthalene	13.55	162	154172	37.952	ng		99
48) 2-Nitroaniline	13.77	65	51486	37.388	ng		98
49) Acenaphthylene	14.40	152	234891	38.685	ng		98
50) Dimethylphthalate	14.12	163	215493	39.506	ng		98
51) 2,6-Dinitrotoluene	14.26	165	44204	38.187	ng		98
52) Acenaphthene	14.74	154	137231	38.113	ng		97
53) 3-Nitroaniline	14.60	138	39918	36.122	ng		98
54) 2,4-Dinitrophenol	14.81	184	23523	35.566	ng		98
55) Dibenzofuran	15.08	168	244794	39.052	ng		98
56) 4-Nitrophenol	14.92	139	26043	36.517	ng		98
57) 2,4-Dinitrotoluene	15.05	165	66277	39.466	ng		98
58) Fluorene	15.72	166	197221	39.549	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	66136	40.212	ng		99
60) Diethylphthalate	15.48	149	221792	39.723	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	127941	39.776	ng		98
62) 4-Nitroaniline	15.76	138	42493	39.454	ng		95
63) Azobenzene	16.00	77	182769	38.825	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	38835	37.638	ng		93
66) n-Nitrosodiphenylamine	15.93	169	175761	38.332	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	87701	38.522	ng		97
68) Hexachlorobenzene	16.72	284	95647	38.993	ng		96
69) Atrazine	16.87	200	73057	37.642	ng		97
70) Pentachlorophenol	17.07	266	40524	36.460	ng	#	88
71) Phenanthrene	17.47	178	363646	39.617	ng		99
72) Anthracene	17.56	178	363568	39.586	ng		99
73) Carbazole	17.84	167	315433	40.401	ng		99
74) Di-n-butylphthalate	18.36	149	396835	40.440	ng		99
75) Fluoranthene	19.48	202	513576	41.966	ng		100
77) Benzidine	19.67	184	151810	33.955	ng		100
78) Pyrene	19.84	202	520956	37.872	ng		100
80) Butylbenzylphthalate	20.71	149	190807	37.141	ng		98
81) Benzo(a)anthracene	21.68	228	543480	38.795	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	189353	39.034	ng		98
83) Chrysene	21.75	228	524456	38.676	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	271102	37.223	ng		99
85) Di-n-octyl phthalate	22.77	149	460178	37.337	ng		99
86) Indeno(1,2,3-cd)pyrene	28.77	276	652990	39.768	ng	#	99
88) Benzo(b)fluoranthene	23.94	252	545974	38.236	ng		99
89) Benzo(k)fluoranthene	24.00	252	547976	39.089	ng		97
90) Benzo(a)pyrene	24.83	252	522033	38.494	ng		96
91) Dibenzo(a,h)anthracene	28.83	278	528957	38.933	ng		99
92) Benzo(g,h,i)perylene	29.95	276	522677	38.692	ng		99

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

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