Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044690.D
Acq On : 6 Mar 2020 9:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:42 PM

Quant Time: Mar 07 04:34:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 17:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	72335	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	295849	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	213933	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	490217	20.00	ng		0.00
76) Chrysene-d12	21.72	240	426137	20.00	ng		0.00
87) Perylene-d12	24.95	264	508093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	358074	74.34	ng		0.00
7) Phenol-d6	7.21	99	534451	73.41	ng		0.00
23) Nitrobenzene-d5	9.22	82	522418	80.40	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	222304	75.65	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1136882	74.03	ng		0.00
79) Terphenyl-d14	20.06	244	1805934	75.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	81475	35.291	ng		96
3) Pyridine	3.92	79	255585	35.706	ng		96
4) n-Nitrosodimethylamine	3.83	42	108404	35.802	ng	#	93
6) Aniline	7.38	93	335297	36.764	ng		96
8) 2-Chlorophenol	7.62	128	179377	36.746	ng		95
9) Benzaldehyde	7.19	77	162100	35.336	ng		98
10) Phenol	7.24	94	258777	36.083	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	205001	37.202	ng		93
12) 1,3-Dichlorobenzene	7.95	146	220545	37.989	ng		98
13) 1,4-Dichlorobenzene	8.10	146	218636	37.695	ng		95
14) 1,2-Dichlorobenzene	8.42	146	205105	37.410	ng		95
15) Benzyl Alcohol	8.29	79	229825	36.592	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	384299	36.913	ng		99
17) 2-Methylphenol	8.49	107	178628	36.351	ng		97
18) Hexachloroethane	9.16	117	86655	37.250	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	197641	36.339	ng		97
20) 3+4-Methylphenols	8.82	107	253183	36.985	ng		99
22) Acetophenone	8.88	105	319833	37.032	ng		98
24) Nitrobenzene	9.26	77	275141	39.938	ng		96
25) Isophorone	9.79	82	530528	37.024	ng		98
26) 2-Nitrophenol	9.97	139	92976	39.999	ng		97
27) 2,4-Dimethylphenol	10.03	122	163014	36.261	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	301975	37.433	ng		95
29) 2,4-Dichlorophenol	10.51	162	194433	38.011	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	225011	37.869	ng		98
31) Naphthalene	10.93	128	628552	37.858	ng		99
32) Benzoic acid	10.16	122	124688	37.743	ng		94
33) 4-Chloroaniline	11.02	127	282633	36.960	ng		98
34) Hexachlorobutadiene	11.23	225	150511	37.076	ng		97
35) Caprolactam	11.78	113	78785	36.897	ng	#	90
36) 4-Chloro-3-methylphenol	12.14	107	243323	37.562	ng		97
37) 2-Methylnaphthalene	12.52	142	472308	37.697	ng		98
38) 1-Methylnaphthalene	12.75	142	446068	37.661	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	256955	36.999	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	149156	36.728	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	175618	36.476	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	184283	37.322	ng		92
46) 1,1'-Biphenyl	13.53	154	627531	36.880	ng		98
47) 2-Chloronaphthalene	13.57	162	483791	37.274	ng		97
48) 2-Nitroaniline	13.76	65	182838	39.924	ng		99
49) Acenaphthylene	14.42	152	783433	37.676	ng		98
50) Dimethylphthalate	14.15	163	662381	37.243	ng		99
51) 2,6-Dinitrotoluene	14.26	165	135395	42.366	ng		96
52) Acenaphthene	14.76	154	502265	37.356	ng		98
53) 3-Nitroaniline	14.58	138	157020	42.634	ng		96
54) 2,4-Dinitrophenol	14.79	184	59066	38.468	ng		93
55) Dibenzofuran	15.10	168	755331	37.491	ng		99
56) 4-Nitrophenol	14.88	139	115783	40.404	ng		96
57) 2,4-Dinitrotoluene	15.04	165	179635	40.336	ng	#	99
58) Fluorene	15.74	166	616678	37.008	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	178612m	38.008	ng		
60) Diethylphthalate	15.52	149	709596	37.318	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	331134	36.622	ng		99
62) 4-Nitroaniline	15.75	138	162442	40.044	ng		95
63) Azobenzene	16.03	77	739414	37.158	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	80324	39.004	ng		96
66) n-Nitrosodiphenylamine	15.95	169	546884	36.487	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	228386	36.940	ng		94
68) Hexachlorobenzene	16.75	284	248065	37.159	ng		99
69) Atrazine	16.90	200	222542	38.420	ng		98
70) Pentachlorophenol	17.09	266	147167	38.849	ng		98
71) Phenanthrene	17.48	178	1016989	37.835	ng		98
72) Anthracene	17.58	178	993943	37.543	ng		100
73) Carbazole	17.84	167	973889	38.410	ng		97
74) Di-n-butylphthalate	18.42	149	1212828	37.981	ng		99
75) Fluoranthene	19.49	202	1234941	38.014	ng		100
77) Benzidine	19.66	184	619329	36.408	ng		98
78) Pyrene	19.85	202	1232426	37.917	ng		99
80) Butylbenzylphthalate	20.75	149	545379	37.591	ng		98
81) Benzo(a)anthracene	21.70	228	1194916	37.392	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	476577	37.456	ng		99
83) Chrysene	21.77	228	1134984	37.313	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	765105	37.817	ng		98
85) Di-n-octyl phthalate	22.87	149	1310815	37.728	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1509824	37.584	ng		99
88) Benzo(b)fluoranthene	23.93	252	1294525	37.435	ng		97
89) Benzo(k)fluoranthene	24.00	252	1215227	37.491	ng		99
90) Benzo(a)pyrene	24.80	252	1210333	37.580	ng		98
91) Dibenzo(a,h)anthracene	28.69	278	1198322	37.313	ng		98
92) Benzo(g,h,i)perylene	29.77	276	1209569	37.600	ng		98

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

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