Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045060.D
Acq On : 18 Apr 2020 10:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC40

Quant Time: Apr 18 11:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	81001	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	354239	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	274379	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	631290	20.00	ng		0.00
76) Chrysene-d12	21.67	240	563904	20.00	ng		0.00
87) Perylene-d12	24.86	264	633335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	359371	73.25	ng		0.00
7) Phenol-d6	7.19	99	579346	79.48	ng		0.00
23) Nitrobenzene-d5	9.19	82	575161	74.09	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	321578	75.87	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1393382	74.46	ng		0.00
79) Terphenyl-d14	20.01	244	2061730	79.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	75930	34.823	ng		99
3) Pyridine	3.88	79	241373	35.953	ng		97
4) n-Nitrosodimethylamine	3.79	42	77543	37.704	ng		96
6) Aniline	7.35	93	359327	37.912	ng		99
8) 2-Chlorophenol	7.59	128	202216	38.349	ng		97
9) Benzaldehyde	7.15	77	166687	40.816	ng		98
10) Phenol	7.21	94	286697	39.303	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	218164	37.564	ng		95
12) 1,3-Dichlorobenzene	7.91	146	230561	37.106	ng		96
13) 1,4-Dichlorobenzene	8.06	146	230702	37.262	ng		98
14) 1,2-Dichlorobenzene	8.38	146	222051	37.488	ng		94
15) Benzyl Alcohol	8.26	79	240606	39.368	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	208446	36.563	ng		96
17) 2-Methylphenol	8.47	107	215572	38.303	ng		97
18) Hexachloroethane	9.11	117	87743	37.698	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	202129	39.209	ng		99
20) 3+4-Methylphenols	8.80	107	306623	38.923	ng		97
22) Acetophenone	8.84	105	349211	36.454	ng	#	99
24) Nitrobenzene	9.23	77	302212	37.976	ng		93
25) Isophorone	9.75	82	586879	36.914	ng		97
26) 2-Nitrophenol	9.94	139	137546	40.126	ng		99
27) 2,4-Dimethylphenol	10.00	122	204753	37.645	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	305364	36.556	ng		98
29) 2,4-Dichlorophenol	10.48	162	244873	38.991	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	275441	38.736	ng		99
31) Naphthalene	10.88	128	722914	37.305	ng		100
32) Benzoic acid	10.16	122	166467	39.229	ng		98
33) 4-Chloroaniline	10.98	127	332077	36.744	ng		98
34) Hexachlorobutadiene	11.18	225	189339	38.837	ng		100
35) Caprolactam	11.76	113	87491	35.003	ng		91
36) 4-Chloro-3-methylphenol	12.11	107	284220	38.524	ng		98
37) 2-Methylnaphthalene	12.49	142	570661	37.940	ng		98
38) 1-Methylnaphthalene	12.70	142	545185	38.394	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	329240	37.268	ng		100

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Instrument : BNA_G
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	270332	48.959	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	235156	37.716	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	267268	37.659	ng		97
46) 1,1'-Biphenyl	13.49	154	762422	36.559	ng		100
47) 2-Chloronaphthalene	13.53	162	580148	36.407	ng		98
48) 2-Nitroaniline	13.73	65	193571	36.920	ng		96
49) Acenaphthylene	14.38	152	946945	36.483	ng		99
50) Dimethylphthalate	14.11	163	812912	36.386	ng		99
51) 2,6-Dinitrotoluene	14.23	165	182806	36.583	ng		98
52) Acenaphthene	14.72	154	670776	38.195	ng		99
53) 3-Nitroaniline	14.55	138	189009	34.487	ng		87
54) 2,4-Dinitrophenol	14.76	184	141926	47.764	ng		98
55) Dibenzofuran	15.06	168	938535	36.656	ng		99
56) 4-Nitrophenol	14.87	139	144815	34.078	ng		94
57) 2,4-Dinitrotoluene	15.01	165	260332	35.649	ng	#	97
58) Fluorene	15.71	166	773990	37.009	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	237735	37.648	ng		99
60) Diethylphthalate	15.48	149	823686	35.362	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	449762	37.363	ng		99
62) 4-Nitroaniline	15.72	138	190990	33.598	ng		92
63) Azobenzene	15.99	77	784537	36.532	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	156160	37.633	ng		98
66) n-Nitrosodiphenylamine	15.91	169	681307	37.562	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	315696	38.764	ng		97
68) Hexachlorobenzene	16.72	284	321029	38.008	ng		98
69) Atrazine	16.86	200	240135	35.264	ng		98
70) Pentachlorophenol	17.06	266	194701	37.576	ng		98
71) Phenanthrene	17.44	178	1196276	36.876	ng		98
72) Anthracene	17.54	178	1207637	37.111	ng		100
73) Carbazole	17.80	167	1142195	34.588	ng		100
74) Di-n-butylphthalate	18.37	149	1337978	36.008	ng		100
75) Fluoranthene	19.45	202	1459024	37.194	ng		97
77) Benzidine	19.62	184	492439	27.885	ng		98
78) Pyrene	19.81	202	1439547	37.029	ng		99
80) Butylbenzylphthalate	20.70	149	613582	38.076	ng		99
81) Benzo(a)anthracene	21.65	228	1400623	38.322	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	572347	39.344	ng		99
83) Chrysene	21.72	228	1336197	38.050	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	824405	37.197	ng		99
85) Di-n-octyl phthalate	22.77	149	1453599	37.928	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1810584	38.834	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1530846	38.588	ng		99
89) Benzo(k)fluoranthene	23.92	252	1438744	38.135	ng		99
90) Benzo(a)pyrene	24.71	252	1427481	38.110	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1443298	38.240	ng		97
92) Benzo(g,h,i)perylene	29.62	276	1452927	38.397	ng		99

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

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