Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044782.D
Acq On : 14 Mar 2020 3:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 14 04:27:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	122406	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	482786	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	320932	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	690065	20.00	ng		0.00
76) Chrysene-d12	21.71	240	550657	20.00	ng		0.00
87) Perylene-d12	24.93	264	632311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	562269	71.51	ng		0.00
7) Phenol-d6	7.21	99	819120	71.70	ng		0.00
23) Nitrobenzene-d5	9.21	82	818936	74.43	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	333111	79.27	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1652890	73.75	ng		0.00
79) Terphenyl-d14	20.04	244	2182695	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	121258	32.023	ng		99
3) Pyridine	3.92	79	362091	32.302	ng		98
4) n-Nitrosodimethylamine	3.83	42	144489	33.972	ng		97
6) Aniline	7.37	93	505400	35.551	ng		97
8) 2-Chlorophenol	7.62	128	292991	37.326	ng		96
9) Benzaldehyde	7.18	77	241583	33.028	ng		97
10) Phenol	7.24	94	410251	36.271	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	312067	34.571	ng		99
12) 1,3-Dichlorobenzene	7.95	146	353264	36.534	ng		98
13) 1,4-Dichlorobenzene	8.09	146	349408	36.551	ng		98
14) 1,2-Dichlorobenzene	8.41	146	330693	36.475	ng		99
15) Benzyl Alcohol	8.29	79	325604	35.521	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	520355	32.665	ng		99
17) 2-Methylphenol	8.49	107	278765	36.384	ng		99
18) Hexachloroethane	9.15	117	137039	36.412	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	270310	33.508	ng		96
20) 3+4-Methylphenols	8.82	107	386595	36.604	ng		99
22) Acetophenone	8.88	105	472732	34.563	ng	#	98
24) Nitrobenzene	9.25	77	419780	36.772	ng		98
25) Isophorone	9.78	82	726989	33.856	ng		98
26) 2-Nitrophenol	9.97	139	162007	41.696	ng		97
27) 2,4-Dimethylphenol	10.03	122	250741	35.858	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	439729	34.315	ng		98
29) 2,4-Dichlorophenol	10.50	162	308760	37.803	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	366565	37.535	ng		97
31) Naphthalene	10.91	128	962273	35.981	ng		98
32) Benzoic acid	10.17	122	223382	42.415	ng		93
33) 4-Chloroaniline	11.01	127	417421	34.643	ng		99
34) Hexachlorobutadiene	11.21	225	249524	38.853	ng		99
35) Caprolactam	11.78	113	110810	35.833	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	358721	36.826	ng		98
37) 2-Methylnaphthalene	12.52	142	718034	35.892	ng		98
38) 1-Methylnaphthalene	12.74	142	671958	35.728	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	402795	38.110	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	84777	14.677	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	282652	40.297	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	284893	39.164	ng		93
46) 1,1'-Biphenyl	13.52	154	929284	36.234	ng		100
47) 2-Chloronaphthalene	13.56	162	723043	36.906	ng		98
48) 2-Nitroaniline	13.75	65	273679	39.901	ng		96
49) Acenaphthylene	14.41	152	1115707	36.350	ng		99
50) Dimethylphthalate	14.14	163	897031	35.094	ng		99
51) 2,6-Dinitrotoluene	14.25	165	198103	38.450	ng		96
52) Acenaphthene	14.75	154	697616	34.705	ng		100
53) 3-Nitroaniline	14.57	138	226257	38.196	ng		99
54) 2,4-Dinitrophenol	14.78	184	23157	16.029	ng	#	72
55) Dibenzofuran	15.09	168	1056934	36.259	ng		99
56) 4-Nitrophenol	14.88	139	168711	37.319	ng		96
57) 2,4-Dinitrotoluene	15.04	165	277833	39.319	ng		91
58) Fluorene	15.74	166	859332	35.837	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	262357	39.174	ng		94
60) Diethylphthalate	15.51	149	930572	34.906	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	475315	36.813	ng		94
62) 4-Nitroaniline	15.74	138	234448	37.118	ng		95
63) Azobenzene	16.02	77	946348	34.183	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	36804	17.237	ng		99
66) n-Nitrosodiphenylamine	15.94	169	762719	36.712	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	325047	37.679	ng		95
68) Hexachlorobenzene	16.74	284	351292	37.535	ng		97
69) Atrazine	16.89	200	279462	36.715	ng		97
70) Pentachlorophenol	17.08	266	214148	41.586	ng		93
71) Phenanthrene	17.48	178	1330506	36.081	ng		100
72) Anthracene	17.57	178	1319687	36.293	ng		99
73) Carbazole	17.83	167	1230514	35.230	ng		99
74) Di-n-butylphthalate	18.41	149	1504082	35.424	ng		99
75) Fluoranthene	19.48	202	1549138	35.282	ng		99
77) Benzidine	19.66	184	882497	49.366	ng		98
78) Pyrene	19.84	202	1518564	37.588	ng		99
80) Butylbenzylphthalate	20.73	149	672825	37.435	ng		97
81) Benzo(a)anthracene	21.69	228	1455781	36.715	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	589432	38.425	ng		98
83) Chrysene	21.75	228	1384827	36.562	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	906113	36.529	ng		99
85) Di-n-octyl phthalate	22.84	149	1524452	36.726	ng		100
86) Indeno(1,2,3-cd)pyrene	28.59	276	1658260	33.395	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	1482899	35.524	ng		99
89) Benzo(k)fluoranthene	23.98	252	1449949	36.704	ng		98
90) Benzo(a)pyrene	24.78	252	1404835	35.966	ng		100
91) Dibenzo(a,h)anthracene	28.65	278	1338080	34.724	ng		97
92) Benzo(g,h,i)perylene	29.72	276	1195366	30.703	ng		97

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

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