Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044250.D
Acq On : 30 Jan 2020 15:59
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG013020

Quant Time: Jan 30 16:38:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	91253	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	381331	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	243126	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	519553	20.00	ng	0.00
76) Chrysene-d12	21.55	240	460207	20.00	ng	0.00
87) Perylene-d12	24.65	264	534728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	433240	83.79	ng	0.00
7) Phenol-d6	7.09	99	580166	83.56	ng	0.00
23) Nitrobenzene-d5	9.08	82	541572	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	228084	79.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1196842	82.43	ng	0.00
79) Terphenyl-d14	19.92	244	1743966	77.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	99066	42.643	ng	99
3) Pyridine	3.78	79	282875	45.704	ng	97
4) n-Nitrosodimethylamine	3.69	42	107969	41.746	ng	100
6) Aniline	7.24	93	357616	41.494	ng	99
8) 2-Chlorophenol	7.48	128	233880	41.157	ng	99
9) Benzaldehyde	7.05	77	159285	40.280	ng	98
10) Phenol	7.11	94	288102	41.926	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	238792	40.647	ng	99
12) 1,3-Dichlorobenzene	7.81	146	279405	41.181	ng	98
13) 1,4-Dichlorobenzene	7.95	146	279611	41.609	ng	99
14) 1,2-Dichlorobenzene	8.28	146	262013	41.251	ng	98
15) Benzyl Alcohol	8.16	79	205006	41.704	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	324257	40.780	ng	99
17) 2-Methylphenol	8.36	107	202570	41.318	ng	98
18) Hexachloroethane	9.01	117	104016	41.248	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	189724	41.000	ng	99
20) 3+4-Methylphenols	8.69	107	280288	41.483	ng	99
22) Acetophenone	8.74	105	372363	40.140	ng	99
24) Nitrobenzene	9.12	77	262560	39.818	ng	99
25) Isophorone	9.65	82	497864	39.546	ng	98
26) 2-Nitrophenol	9.83	139	137697	40.244	ng	98
27) 2,4-Dimethylphenol	9.90	122	197060	40.800	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	340131	40.500	ng	99
29) 2,4-Dichlorophenol	10.37	162	234840	40.211	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	269302	40.215	ng	98
31) Naphthalene	10.77	128	743753	40.201	ng	99
32) Benzoic acid	10.05	122	101366	36.627	ng	92
33) 4-Chloroaniline	10.87	127	338057	40.176	ng	99
34) Hexachlorobutadiene	11.07	225	163866	39.768	ng	98
35) Caprolactam	11.64	113	85234	39.841	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	242430	39.593	ng	100
37) 2-Methylnaphthalene	12.38	142	547935	39.889	ng	99
38) 1-Methylnaphthalene	12.60	142	516199	39.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	293577	40.367	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	141529	40.557 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	189491	40.310 ng	97
44) 2,4,5-Trichlorophenol	13.06	196	201597	41.986 ng	98
46) 1,1'-Biphenyl	13.39	154	715112	40.777 ng	98
47) 2-Chloronaphthalene	13.44	162	567539	40.669 ng	99
48) 2-Nitroaniline	13.63	65	164594	39.966 ng	98
49) Acenaphthylene	14.28	152	829570	40.530 ng	100
50) Dimethylphthalate	14.02	163	703000	40.225 ng	100
51) 2,6-Dinitrotoluene	14.13	165	156364	40.127 ng	100
52) Acenaphthene	14.62	154	534956	40.322 ng	98
53) 3-Nitroaniline	14.46	138	171280	39.730 ng	99
54) 2,4-Dinitrophenol	14.66	184	81358	39.502 ng	99
55) Dibenzofuran	14.96	168	815356	40.592 ng	99
56) 4-Nitrophenol	14.77	139	133399	42.243 ng	96
57) 2,4-Dinitrotoluene	14.92	165	220622	40.396 ng	100
58) Fluorene	15.61	166	638940	40.386 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	176153	40.616 ng	99
60) Diethylphthalate	15.38	149	709148	40.723 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	343720	40.069 ng	98
62) 4-Nitroaniline	15.62	138	173858	40.359 ng	97
63) Azobenzene	15.89	77	610689	40.013 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	117714	41.045 ng	100
66) n-Nitrosodiphenylamine	15.81	169	586311	40.268 ng	98
67) 4-Bromophenyl-phenylether	16.50	248	223949	39.564 ng	96
68) Hexachlorobenzene	16.62	284	251283	39.624 ng	99
69) Atrazine	16.76	200	204398	40.957 ng	97
70) Pentachlorophenol	16.96	266	121983	39.686 ng	98
71) Phenanthrene	17.34	178	1028462	40.879 ng	99
72) Anthracene	17.44	178	1018668	40.954 ng	98
73) Carbazole	17.70	167	941982	41.080 ng	99
74) Di-n-butylphthalate	18.27	149	1189468	41.977 ng	99
75) Fluoranthene	19.35	202	1208383	41.520 ng	99
77) Benzidine	19.53	184	507977	39.794 ng	97
78) Pyrene	19.72	202	1223327	41.392 ng	99
80) Butylbenzylphthalate	20.61	149	564037	41.879 ng	99
81) Benzo(a)anthracene	21.53	228	1177332	41.509 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	449181	40.805 ng	100
83) Chrysene	21.60	228	1142440	41.671 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	776512	41.887 ng	99
85) Di-n-octyl phthalate	22.62	149	1339539	41.763 ng	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1452085	40.598 ng	100
88) Benzo(b)fluoranthene	23.67	252	1255014	40.730 ng	99
89) Benzo(k)fluoranthene	23.73	252	1232020	41.024 ng	99
90) Benzo(a)pyrene	24.50	252	1185459	40.691 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1168662	40.533 ng	98
92) Benzo(g,h,i)perylene	29.25	276	1163941	40.326 ng	97

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

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