Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046452.D
Acq On : 25 Aug 2020 17:30
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG082520

Quant Time: Aug 25 18:10:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	81627	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	329575	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	237657	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	592279	20.00	ng	0.00
76) Chrysene-d12	21.56	240	595780	20.00	ng	0.00
86) Perylene-d12	24.66	264	636881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	342645	74.35	ng	0.00
7) Phenol-d6	7.11	99	489597	74.94	ng	0.00
23) Nitrobenzene-d5	9.09	82	424459	73.61	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	242622	75.35	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1111355	71.39	ng	0.00
79) Terphenyl-d14	19.92	244	1981282	70.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	70786	36.919	ng	99
3) Pyridine	3.82	79	210341	37.495	ng	99
4) n-Nitrosodimethylamine	3.73	42	79516	38.432	ng	100
6) Aniline	7.26	93	279630	38.036	ng	99
8) 2-Chlorophenol	7.50	128	179220	36.794	ng	98
9) Benzaldehyde	7.07	77	139483	38.107	ng	99
10) Phenol	7.13	94	224954	37.384	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	179769	37.167	ng	100
12) 1,3-Dichlorobenzene	7.83	146	227284	36.753	ng	99
13) 1,4-Dichlorobenzene	7.97	146	226649	36.608	ng	99
14) 1,2-Dichlorobenzene	8.29	146	213384	35.945	ng	99
15) Benzyl Alcohol	8.17	79	159826	38.104	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	277306	36.962	ng	98
17) 2-Methylphenol	8.38	107	163151	38.231	ng	99
18) Hexachloroethane	9.02	117	77177	36.765	ng	90
19) n-Nitroso-di-n-propylamine	8.74	70	148622	38.031	ng	99
20) 3+4-Methylphenols	8.71	107	223231	37.898	ng	98
22) Acetophenone	8.75	105	293704	36.610	ng	99
24) Nitrobenzene	9.13	77	207716	36.462	ng	97
25) Isophorone	9.66	82	394347	37.302	ng	99
26) 2-Nitrophenol	9.84	139	115234	38.339	ng	98
27) 2,4-Dimethylphenol	9.91	122	154456	37.363	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	252398	37.093	ng	99
29) 2,4-Dichlorophenol	10.38	162	205561	37.301	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	239324	36.601	ng	99
31) Naphthalene	10.78	128	585226	36.368	ng	99
32) Benzoic acid	10.05	122	106662	37.793	ng	98
33) 4-Chloroaniline	10.89	127	271236	38.225	ng	98
34) Hexachlorobutadiene	11.07	225	154387	36.372	ng	97
35) Caprolactam	11.66	113	80219	38.941	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	206996	38.403	ng	94
37) 2-Methylnaphthalene	12.39	142	469054	36.959	ng	98
38) 1-Methylnaphthalene	12.61	142	443857	36.922	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	283612	36.189	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	132522	38.889 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	197304	37.307 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	205538	36.990 ng	98
46) 1,1'-Biphenyl	13.40	154	596046	36.048 ng	100
47) 2-Chloronaphthalene	13.44	162	502602	35.851 ng	99
48) 2-Nitroaniline	13.64	65	147424	37.871 ng	97
49) Acenaphthylene	14.29	152	774799	36.434 ng	100
50) Dimethylphthalate	14.02	163	669554	36.416 ng	100
51) 2,6-Dinitrotoluene	14.14	165	152272	37.570 ng	97
52) Acenaphthene	14.63	154	483367	36.679 ng	98
53) 3-Nitroaniline	14.46	138	166388	37.900 ng	98
54) 2,4-Dinitrophenol	14.68	184	98423	41.603 ng	97
55) Dibenzofuran	14.96	168	768420	36.334 ng	100
56) 4-Nitrophenol	14.78	139	130243	40.310 ng	98
57) 2,4-Dinitrotoluene	14.93	165	220365	38.132 ng	99
58) Fluorene	15.61	166	640067	36.060 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	207098	38.381 ng	99
60) Diethylphthalate	15.39	149	663150	36.993 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	357400	36.560 ng	97
62) 4-Nitroaniline	15.63	138	177997	38.425 ng	97
63) Azobenzene	15.90	77	535083	36.694 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135792	40.507 ng	97
66) n-Nitrosodiphenylamine	15.82	169	580445	36.327 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	253984	36.756 ng	97
68) Hexachlorobenzene	16.62	284	277143	36.215 ng	98
69) Atrazine	16.77	200	243149	37.302 ng	99
70) Pentachlorophenol	16.97	266	162093	40.540 ng	99
71) Phenanthrene	17.35	178	1074733	35.800 ng	99
72) Anthracene	17.44	178	1062174	35.861 ng	99
73) Carbazole	17.71	167	1019451	36.454 ng	99
74) Di-n-butylphthalate	18.27	149	1184963	36.849 ng	99
75) Fluoranthene	19.36	202	1396220	36.140 ng	100
77) Benzidine	19.54	184	556400	40.190 ng	99
78) Pyrene	19.72	202	1391922	36.689 ng	99
80) Butylbenzylphthalate	20.61	149	562529	38.013 ng	97
81) Benzo(a)anthracene	21.54	228	1363825	36.726 ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	521312	37.828 ng	98
83) Chrysene	21.60	228	1302533	36.464 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	754165	37.345 ng	98
85) Di-n-octyl phthalate	22.63	149	1314416	38.012 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1625263	35.531 ng	100
88) Benzo(b)fluoranthene	23.68	252	1420496	35.720 ng	98
89) Benzo(k)fluoranthene	23.75	252	1340584	34.881 ng	100
90) Benzo(a)pyrene	24.52	252	1315319	35.442 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1305943	35.379 ng	98
92) Benzo(g,h,i)perylene	29.28	276	1305709	35.423 ng	98

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

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