Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048696.D
Acq On : 14 Apr 2021 16:37
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Apr 14 17:13:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 15:25:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	23266	20.00	ng		0.00
21) Naphthalene-d8	10.911	136	87078	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	61781	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	144643	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	126115	20.00	ng		# 0.00
86) Perylene-d12	25.141	264	134122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.629	112	224996	170.73	ng		0.00
7) Phenol-d6	7.251	99	309618	162.00	ng		0.01
23) Nitrobenzene-d5	9.260	82	318554	177.11	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	138136	170.09	ng		0.01
45) 2-Fluorobiphenyl	13.361	172	689427	165.86	ng		0.00
79) Terphenyl-d14	20.112	244	1161488	168.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	41128	77.57	ng		96
3) Pyridine	3.902	79	109088	82.07	ng		91
4) n-Nitrosodimethylamine	3.813	42	88625	102.05	ng		95
6) Aniline	7.403	93	170866	77.84	ng		96
8) 2-Chlorophenol	7.650	128	114852	77.12	ng		97
10) Phenol	7.274	94	151523	79.19	ng		95
11) bis(2-Chloroethyl)ether	7.497	93	100969	76.05	ng		95
12) 1,3-Dichlorobenzene	7.973	146	133472	79.56	ng		97
13) 1,4-Dichlorobenzene	8.120	146	133256	78.78	ng		94
14) 1,2-Dichlorobenzene	8.443	146	124579	76.90	ng		93
15) Benzyl Alcohol	8.326	79	134608	85.98	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.614	45	107969	84.30	ng		94
17) 2-Methylphenol	8.531	107	96080	77.60	ng		91
18) Hexachloroethane	9.178	117	49589	78.90	ng		89
19) n-Nitroso-di-n-propyla...	8.896	70	104778	79.54	ng		94
20) 3+4-Methylphenols	8.866	107	137329	79.91	ng		96
22) Acetophenone	8.913	105	189774	84.53	ng	#	98
24) Nitrobenzene	9.301	77	161461	91.47	ng		97
25) Isophorone	9.830	82	278584	83.87	ng	#	95
26) 2-Nitrophenol	10.012	139	69376	85.55	ng		93
27) 2,4-Dimethylphenol	10.077	122	105815	82.92	ng		93
28) bis(2-Chloroethoxy)met...	10.306	93	123931	81.40	ng	#	90
29) 2,4-Dichlorophenol	10.558	162	119876	82.96	ng		92
30) 1,2,4-Trichlorobenzene	10.770	180	138941	83.68	ng		98
31) Naphthalene	10.964	128	365734	81.69	ng		99
32) Benzoic acid	10.265	122	70237	71.55	ng	#	73
33) 4-Chloroaniline	11.070	127	154785	81.92	ng		98
34) Hexachlorobutadiene	11.240	225	105156	86.72	ng		95
35) Caprolactam	11.869	113	40658	77.12	ng		92
36) 4-Chloro-3-methylphenol	12.198	107	136231	83.95	ng		95
37) 2-Methylnaphthalene	12.568	142	296103	83.07	ng		96
38) 1-Methylnaphthalene	12.785	142	267077	78.57	ng		98
40) 1,2,4,5-Tetrachloroben...	12.932	216	163762	85.51	ng		98
41) Hexachlorocyclopentadiene	12.909	237	89435	80.61	ng		89
43) 2,4,6-Trichlorophenol	13.173	196	112344	85.34	ng		95
44) 2,4,5-Trichlorophenol	13.249	196	117039	83.10	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.573	154	367070	81.31	ng		99
47) 2-Chloronaphthalene	13.620	162	277644	80.73	ng		100
48) 2-Nitroaniline	13.819	65	101389	92.74	ng		97
49) Acenaphthylene	14.466	152	437510	81.15	ng		99
50) Dimethylphthalate	14.195	163	368806	80.43	ng		99
51) 2,6-Dinitrotoluene	14.313	165	89224	85.05	ng		97
52) Acenaphthene	14.806	154	280955	72.04	ng		97
53) 3-Nitroaniline	14.648	138	81433	79.16	ng		96
54) 2,4-Dinitrophenol	14.853	184	51970	88.10	ng		89
55) Dibenzofuran	15.141	168	453804	79.68	ng		97
56) 4-Nitrophenol	14.965	139	65551	78.94	ng		91
57) 2,4-Dinitrotoluene	15.106	165	126319	85.12	ng	#	95
58) Fluorene	15.794	166	373672	78.38	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.365	232	108693	79.11	ng		99
60) Diethylphthalate	15.553	149	378920	80.42	ng		99
61) 4-Chlorophenyl-phenyle...	15.776	204	210682	82.13	ng		96
62) 4-Nitroaniline	15.823	138	86105	80.02	ng		91
63) Azobenzene	16.076	77	377941	81.54	ng		94
65) 4,6-Dinitro-2-methylph...	15.870	198	83133	95.65	ng		90
66) n-Nitrosodiphenylamine	15.999	169	329479	80.06	ng		98
67) 4-Bromophenyl-phenylether	16.675	248	133648	83.35	ng		94
68) Hexachlorobenzene	16.798	284	142649	85.21	ng		98
69) Atrazine	16.945	200	129039	76.88	ng		97
70) Pentachlorophenol	17.145	266	81592	78.41	ng		95
71) Phenanthrene	17.539	178	603701	80.40	ng		97
72) Anthracene	17.633	178	589050	78.73	ng		98
73) Carbazole	17.903	167	559406	78.84	ng		97
74) Di-n-butylphthalate	18.449	149	638019	80.48	ng		99
75) Fluoranthene	19.554	202	745187	80.05	ng		98
77) Benzidine	19.730	184	283975	66.49	ng		97
78) Pyrene	19.918	202	718815	82.90	ng		98
80) Butylbenzylphthalate	20.794	149	285760	88.73	ng		97
81) Benzo(a)anthracene	21.781	228	691829	82.10	ng		97
82) 3,3'-Dichlorobenzidine	21.692	252	234431	80.99	ng		99
83) Chrysene	21.851	228	663563	82.52	ng		98
84) Bis(2-ethylhexyl)phtha...	21.669	149	392230	87.43	ng		99
85) Di-n-octyl phthalate	22.920	149	673397	86.10	ng		100
87) Indeno(1,2,3-cd)pyrene	28.990	276	782665	83.24	ng		97
88) Benzo(b)fluoranthene	24.078	252	733401	84.19	ng		97
89) Benzo(k)fluoranthene	24.154	252	688756	82.24	ng		99
90) Benzo(a)pyrene	24.994	252	670773	83.55	ng		95
91) Dibenzo(a,h)anthracene	29.066	278	658057	82.00	ng		97
92) Benzo(g,h,i)perylene	30.206	276	656127	83.48	ng		98

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

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