Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
Data File : BG046568.D
Acq On : 9 Sep 2020 11:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 09 12:50:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	113294	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	447158	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	305049	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	670395	20.00	ng		0.00
76) Chrysene-d12	21.55	240	630351	20.00	ng		0.00
86) Perylene-d12	24.65	264	687057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	458119	71.62	ng		0.00
7) Phenol-d6	7.11	99	657331	72.49	ng		0.00
23) Nitrobenzene-d5	9.09	82	576313	73.66	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	285666	69.11	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1426578	71.39	ng		0.00
79) Terphenyl-d14	19.92	244	2025355	68.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	90889	34.154	ng		97
3) Pyridine	3.81	79	279182	35.856	ng		98
4) n-Nitrosodimethylamine	3.73	42	112487	39.171	ng		98
6) Aniline	7.25	93	373541	36.608	ng		99
8) 2-Chlorophenol	7.50	128	243980	36.089	ng		98
9) Benzaldehyde	7.07	77	188860	37.175	ng		96
10) Phenol	7.13	94	304204	36.424	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	247327	36.842	ng		98
12) 1,3-Dichlorobenzene	7.82	146	314825	36.679	ng		100
13) 1,4-Dichlorobenzene	7.97	146	313818	36.520	ng		99
14) 1,2-Dichlorobenzene	8.28	146	297998	36.168	ng		99
15) Benzyl Alcohol	8.17	79	225381	38.714	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	401626	38.569	ng		99
17) 2-Methylphenol	8.38	107	218936	36.963	ng		99
18) Hexachloroethane	9.01	117	108715	37.313	ng		99
19) n-Nitroso-di-n-propylamine	8.73	70	201776	37.201	ng		100
20) 3+4-Methylphenols	8.71	107	307113	37.565	ng		99
22) Acetophenone	8.75	105	395869	36.369	ng	#	97
24) Nitrobenzene	9.13	77	286610	37.081	ng		98
25) Isophorone	9.65	82	536732	37.420	ng		97
26) 2-Nitrophenol	9.84	139	157265	38.564	ng		97
27) 2,4-Dimethylphenol	9.90	122	208239	37.127	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	341665	37.008	ng		99
29) 2,4-Dichlorophenol	10.38	162	282675	37.806	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	325030	36.637	ng		99
31) Naphthalene	10.77	128	788937	36.135	ng		99
32) Benzoic acid	10.07	122	124598	33.857	ng		99
33) 4-Chloroaniline	10.88	127	348874	36.237	ng		99
34) Hexachlorobutadiene	11.07	225	220121	38.222	ng		99
35) Caprolactam	11.67	113	92552	33.114	ng		96
36) 4-Chloro-3-methylphenol	12.01	107	268754	36.750	ng		92
37) 2-Methylnaphthalene	12.38	142	626710	36.396	ng		99
38) 1-Methylnaphthalene	12.60	142	590753	36.219	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	376416	37.419	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	252298	57.681	ng	96
43) 2,4,6-Trichlorophenol	12.99	196	250413	36.888	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	256606	35.978	ng	98
46) 1,1'-Biphenyl	13.39	154	782708	36.879	ng	98
47) 2-Chloronaphthalene	13.44	162	651280	36.193	ng	98
48) 2-Nitroaniline	13.64	65	186148	37.254	ng	97
49) Acenaphthylene	14.28	152	974061	35.685	ng	99
50) Dimethylphthalate	14.02	163	812087	34.410	ng	99
51) 2,6-Dinitrotoluene	14.13	165	184446	35.455	ng	96
52) Acenaphthene	14.62	154	609237	36.017	ng	98
53) 3-Nitroaniline	14.46	138	196135	34.806	ng	97
54) 2,4-Dinitrophenol	14.68	184	107056	35.255	ng	98
55) Dibenzofuran	14.96	168	959086	35.331	ng	99
56) 4-Nitrophenol	14.79	139	138222	33.329	ng	99
57) 2,4-Dinitrotoluene	14.92	165	257375	34.697	ng	97
58) Fluorene	15.61	166	777290	34.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	249028	35.955	ng	99
60) Diethylphthalate	15.38	149	786255	34.170	ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	438198	34.922	ng	95
62) 4-Nitroaniline	15.63	138	198231	33.339	ng	94
63) Azobenzene	15.89	77	657940	35.152	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	150588	39.686	ng	97
66) n-Nitrosodiphenylamine	15.81	169	689890	38.145	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	309127	39.524	ng	99
68) Hexachlorobenzene	16.62	284	324798	37.497	ng	98
69) Atrazine	16.77	200	267227	36.219	ng	100
70) Pentachlorophenol	16.96	266	173268	38.285	ng	100
71) Phenanthrene	17.35	178	1222132	35.966	ng	99
72) Anthracene	17.44	178	1205585	35.960	ng	98
73) Carbazole	17.71	167	1101247	34.790	ng	99
74) Di-n-butylphthalate	18.27	149	1284856	35.299	ng	99
75) Fluoranthene	19.36	202	1454157	33.254	ng	99
77) Benzidine	19.53	184	480277	32.789	ng	99
78) Pyrene	19.72	202	1450138	36.127	ng	99
80) Butylbenzylphthalate	20.60	149	595332	38.024	ng	95
81) Benzo(a)anthracene	21.53	228	1419754	36.136	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	537127	36.838	ng	98
83) Chrysene	21.60	228	1358932	35.957	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	797872	37.342	ng	100
85) Di-n-octyl phthalate	22.62	149	1388117	37.942	ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1728952	35.037	ng	100
88) Benzo(b)fluoranthene	23.68	252	1477409	34.438	ng	98
89) Benzo(k)fluoranthene	23.74	252	1447896	34.921	ng	99
90) Benzo(a)pyrene	24.51	252	1403956	35.068	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1380922	34.678	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1383582	34.794	ng	97

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

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