Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022323\
Data File : BP013877.D
Acq On : 23 Feb 2023 13:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 01:39:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 01:37:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

02/24/2023
Supervised By :Jagrut Upadhyay

02/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	121439	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	432306	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	261591	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	594602	20.000	ng		0.00
76) Chrysene-d12	21.569	240	677319	20.000	ng		0.00
86) Perylene-d12	24.121	264	812354	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	626301	84.998	ng		0.00
7) Phenol-d6	7.252	99	806404	85.452	ng		0.00
23) Nitrobenzene-d5	9.275	82	764955	95.552	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	363524	95.466	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	1759463	88.344	ng		0.00
79) Terphenyl-d14	20.028	244	2981417	84.690	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	133801	41.778	ng		100
3) Pyridine	3.899	79	370293	42.889	ng		98
4) n-Nitrosodimethylamine	3.805	42	152102	47.010	ng		90
6) Aniline	7.422	93	527702	43.037	ng		99
8) 2-Chlorophenol	7.663	128	328765	42.300	ng		98
9) Benzaldehyde	7.234	77	179782	40.043	ng		98
10) Phenol	7.275	94	418215	42.577	ng		93
11) bis(2-Chloroethyl)ether	7.516	93	334007	42.489	ng		98
12) 1,3-Dichlorobenzene	7.987	146	371290	42.485	ng		98
13) 1,4-Dichlorobenzene	8.134	146	373514	42.312	ng		98
14) 1,2-Dichlorobenzene	8.458	146	358083	43.454	ng		96
15) Benzyl Alcohol	8.340	79	311109	46.989	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.634	45	350377m	41.726	ng		
17) 2-Methylphenol	8.540	107	298909	44.718	ng		97
18) Hexachloroethane	9.193	117	135537	43.831	ng		95
19) n-Nitroso-di-n-propyla...	8.916	70	255491	46.258	ng		100
20) 3+4-Methylphenols	8.869	107	406928	45.231	ng		98
22) Acetophenone	8.934	105	510411	46.810	ng	#	99
24) Nitrobenzene	9.316	77	392137	46.938	ng		99
25) Isophorone	9.846	82	699365	45.332	ng		99
26) 2-Nitrophenol	10.034	139	175389	44.750	ng		95
27) 2,4-Dimethylphenol	10.087	122	294592	45.660	ng		100
28) bis(2-Chloroethoxy)met...	10.328	93	419605	42.607	ng		100
29) 2,4-Dichlorophenol	10.569	162	321066	46.382	ng		98
30) 1,2,4-Trichlorobenzene	10.787	180	357326	43.990	ng		98
31) Naphthalene	10.981	128	1009652	42.598	ng		99
32) Benzoic acid	10.216	122	209669	41.931	ng		98
33) 4-Chloroaniline	11.087	127	439855	44.195	ng		98
34) Hexachlorobutadiene	11.257	225	247752	45.897	ng		98
35) Caprolactam	11.875	113	95433	43.181	ng		95
36) 4-Chloro-3-methylphenol	12.193	107	345746	44.824	ng		98
37) 2-Methylnaphthalene	12.575	142	731349	42.627	ng		98
38) 1-Methylnaphthalene	12.793	142	681724	42.455	ng		100
40) 1,2,4,5-Tetrachloroben...	12.940	216	428798	45.452	ng		99
41) Hexachlorocyclopentadiene	12.916	237	252596	50.407	ng		98
43) 2,4,6-Trichlorophenol	13.175	196	279894	47.426	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	326798	46.591	ng	99
46) 1,1'-Biphenyl	13.575	154	920457	43.534	ng	98
47) 2-Chloronaphthalene	13.622	162	711536	44.172	ng	100
48) 2-Nitroaniline	13.822	65	209713	45.983	ng	99
49) Acenaphthylene	14.463	152	1108216	43.645	ng	99
50) Dimethylphthalate	14.193	163	942300	44.268	ng	100
51) 2,6-Dinitrotoluene	14.310	165	203440	43.893	ng	99
52) Acenaphthene	14.804	154	669072	43.302	ng	98
53) 3-Nitroaniline	14.640	138	203773	42.326	ng	100
54) 2,4-Dinitrophenol	14.845	184	128183	44.400	ng	99
55) Dibenzofuran	15.134	168	1116526	43.429	ng	98
56) 4-Nitrophenol	14.940	139	168822	44.369	ng	93
57) 2,4-Dinitrotoluene	15.098	165	271426	43.561	ng	98
58) Fluorene	15.787	166	867140	43.016	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	275278	45.588	ng	99
60) Diethylphthalate	15.545	149	916418	44.150	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	475006	43.489	ng	98
62) 4-Nitroaniline	15.804	138	209336	42.337	ng	91
63) Azobenzene	16.069	77	829064	44.147	ng	98
65) 4,6-Dinitro-2-methylph...	15.857	198	175564	42.457	ng	96
66) n-Nitrosodiphenylamine	15.992	169	769175	42.707	ng	99
67) 4-Bromophenyl-phenylether	16.675	248	311543	44.391	ng	100
68) Hexachlorobenzene	16.792	284	341101	44.524	ng	99
69) Atrazine	16.939	200	277725	45.228	ng	100
70) Pentachlorophenol	17.139	266	263477	46.648	ng	99
71) Phenanthrene	17.534	178	1429168	42.904	ng	99
72) Anthracene	17.628	178	1453767	43.647	ng	99
73) Carbazole	17.892	167	1299403	43.334	ng	100
74) Di-n-butylphthalate	18.422	149	1552904	44.202	ng	99
75) Fluoranthene	19.486	202	1814670	43.700	ng	99
77) Benzidine	19.663	184	579092	42.130	ng	100
78) Pyrene	19.839	202	1936160	41.830	ng	99
80) Butylbenzylphthalate	20.692	149	731357	44.457	ng	100
81) Benzo(a)anthracene	21.557	228	2082205	42.930	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	716744	46.971	ng	99
83) Chrysene	21.610	228	2010422	42.787	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	1122808	43.777	ng	99
85) Di-n-octyl phthalate	22.422	149	1982634	43.381	ng	100
87) Indeno(1,2,3-cd)pyrene	26.810	276	2797316	44.266	ng	97
88) Benzo(b)fluoranthene	23.339	252	2195260	42.728	ng	99
89) Benzo(k)fluoranthene	23.392	252	2194291	42.075	ng	99
90) Benzo(a)pyrene	24.010	252	2158829	43.463	ng	99
91) Dibenzo(a,h)anthracene	26.833	278	2325896	43.929	ng	98
92) Benzo(g,h,i)perylene	27.645	276	2306868	44.062	ng	97

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

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