Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013640.D
Acq On : 30 Jan 2023 11:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 04:20:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 04:17:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

01/31/2023
Supervised By :Jagrut Upadhyay

01/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	176278	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	640320	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	417051	20.000	ng		0.00
64) Phenanthrene-d10	17.539	188	972524	20.000	ng		0.00
76) Chrysene-d12	21.616	240	990254	20.000	ng		0.00
86) Perylene-d12	24.198	264	1192099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	815727	82.923	ng		0.00
7) Phenol-d6	7.299	99	1065117	80.151	ng		0.00
23) Nitrobenzene-d5	9.322	82	980006	84.097	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	534052	84.109	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	2424998	83.045	ng		0.00
79) Terphenyl-d14	20.069	244	4097242	73.013	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.522	88	172854	39.854	ng		100
3) Pyridine	3.940	79	495553	40.195	ng		98
4) n-Nitrosodimethylamine	3.846	42	191043	39.649	ng		95
6) Aniline	7.469	93	682442	38.749	ng		99
8) 2-Chlorophenol	7.710	128	430594	41.235	ng		99
9) Benzaldehyde	7.281	77	306117	37.673	ng		99
10) Phenol	7.322	94	556996	40.014	ng		99
11) bis(2-Chloroethyl)ether	7.563	93	456900	39.635	ng		99
12) 1,3-Dichlorobenzene	8.040	146	492558	40.862	ng		99
13) 1,4-Dichlorobenzene	8.187	146	496372	40.609	ng		99
14) 1,2-Dichlorobenzene	8.510	146	472100	41.023	ng		99
15) Benzyl Alcohol	8.387	79	409364	39.672	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	505016	38.876	ng		100
17) 2-Methylphenol	8.587	107	397843	39.607	ng		99
18) Hexachloroethane	9.246	117	174860	39.931	ng		96
19) n-Nitroso-di-n-propyla...	8.963	70	349833	40.508	ng		99
20) 3+4-Methylphenols	8.922	107	537493	39.047	ng		98
22) Acetophenone	8.981	105	668193	41.342	ng	#	99
24) Nitrobenzene	9.369	77	507222	41.589	ng		98
25) Isophorone	9.899	82	995303	38.991	ng		99
26) 2-Nitrophenol	10.081	139	232274	44.335	ng		97
27) 2,4-Dimethylphenol	10.134	122	397822	41.020	ng		99
28) bis(2-Chloroethoxy)met...	10.375	93	584099	40.218	ng		99
29) 2,4-Dichlorophenol	10.622	162	450075	41.239	ng		99
30) 1,2,4-Trichlorobenzene	10.840	180	495768	40.972	ng		99
31) Naphthalene	11.034	128	1331760	40.930	ng		99
32) Benzoic acid	10.263	122	305610	43.227	ng		97
33) 4-Chloroaniline	11.134	127	511900	36.239	ng		99
34) Hexachlorobutadiene	11.316	225	342002	42.037	ng		98
35) Caprolactam	11.922	113	134277	42.909	ng		98
36) 4-Chloro-3-methylphenol	12.240	107	448805	38.790	ng		98
37) 2-Methylnaphthalene	12.628	142	983936	39.568	ng		99
38) 1-Methylnaphthalene	12.845	142	923416	39.675	ng		98
40) 1,2,4,5-Tetrachloroben...	12.987	216	603984	41.569	ng		100
41) Hexachlorocyclopentadiene	12.969	237	307391	40.949	ng		98
43) 2,4,6-Trichlorophenol	13.222	196	400909	41.238	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.292	196	467904	41.155	ng		98
46)	1,1'-Biphenyl	13.622	154	1265817	40.731	ng		99
47)	2-Chloronaphthalene	13.669	162	987442	41.634	ng		98
48)	2-Nitroaniline	13.863	65	241839	42.952	ng		98
49)	Acenaphthylene	14.510	152	1579195	40.369	ng		99
50)	Dimethylphthalate	14.239	163	1307107	40.350	ng		100
51)	2,6-Dinitrotoluene	14.357	165	258574	39.795	ng		94
52)	Acenaphthene	14.851	154	1026064m	40.982	ng		
53)	3-Nitroaniline	14.686	138	156297	25.998	ng		99
54)	2,4-Dinitrophenol	14.886	184	162598	40.848	ng		100
55)	Dibenzofuran	15.181	168	1583936	40.393	ng		99
56)	4-Nitrophenol	14.981	139	231725	43.883	ng		92
57)	2,4-Dinitrotoluene	15.139	165	342636	39.351	ng		98
58)	Fluorene	15.833	166	1242216	41.426	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.404	232	403292	40.946	ng		98
60)	Diethylphthalate	15.592	149	1257321	42.501	ng		100
61)	4-Chlorophenyl-phenyle...	15.822	204	685408	40.478	ng		97
62)	4-Nitroaniline	15.851	138	120001	20.745	ng		87
63)	Azobenzene	16.116	77	1168476	38.764	ng		98
65)	4,6-Dinitro-2-methylph...	15.904	198	217508	41.595	ng		98
66)	n-Nitrosodiphenylamine	16.033	169	1095484	40.884	ng		99
67)	4-Bromophenyl-phenylether	16.722	248	456023	40.681	ng		98
68)	Hexachlorobenzene	16.839	284	501263	40.910	ng		98
69)	Atrazine	16.986	200	408967	49.930	ng		100
70)	Pentachlorophenol	17.180	266	400791	42.090	ng		97
71)	Phenanthrene	17.586	178	2030788	40.715	ng		100
72)	Anthracene	17.675	178	2090991	41.488	ng		100
73)	Carbazole	17.933	167	1726832	38.451	ng		100
74)	Di-n-butylphthalate	18.469	149	2172690	52.342	ng		100
75)	Fluoranthene	19.533	202	2591242	41.652	ng		99
78)	Pyrene	19.880	202	2693472	35.145	ng		99
80)	Butylbenzylphthalate	20.739	149	711493	65.337	ng		97
81)	Benzo(a)anthracene	21.604	228	2775772	39.807	ng		99
82)	3,3'-Dichlorobenzidine	21.527	252	201184	16.275	ng		97
83)	Chrysene	21.657	228	2646636	40.394	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.504	149	1235328	68.157	ng	#	98
85)	Di-n-octyl phthalate	22.486	149	2374626	72.222	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.933	276	3667473	43.760	ng		98
88)	Benzo(b)fluoranthene	23.404	252	2877834	37.602	ng		100
89)	Benzo(k)fluoranthene	23.462	252	2856790	37.600	ng		100
90)	Benzo(a)pyrene	24.086	252	2838226	39.400	ng		99
91)	Dibenzo(a,h)anthracene	26.956	278	3052437	43.771	ng		98
92)	Benzo(g,h,i)perylene	27.780	276	3037883	44.242	ng		99

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

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