Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012626.D
Acq On : 12 Nov 2022 19:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Nov 14 03:21:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:44:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	299256	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1291306	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	865414	20.000	ng		-0.01
64) Phenanthrene-d10	17.133	188	1893723	20.000	ng		-0.01
76) Chrysene-d12	21.239	240	1906405	20.000	ng		0.00
86) Perylene-d12	23.580	264	2061643	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1334464	83.035	ng		0.00
7) Phenol-d6	6.899	99	1855682	83.186	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1938030	83.264	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1038049	87.865	ng		-0.01
45) 2-Fluorobiphenyl	12.992	172	4441962	77.920	ng		0.00
79) Terphenyl-d14	19.710	244	6990747	74.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	276991	40.175	ng		98
3) Pyridine	3.605	79	844104	42.000	ng		98
4) n-Nitrosodimethylamine	3.517	42	320247	43.046	ng		95
6) Aniline	7.052	93	1167329	41.354	ng		98
8) 2-Chlorophenol	7.281	128	830797	40.819	ng		100
9) Benzaldehyde	6.863	77	574414	40.823	ng		99
10) Phenol	6.928	94	1041763	41.336	ng		99
11) bis(2-Chloroethyl)ether	7.152	93	840268	40.320	ng		99
12) 1,3-Dichlorobenzene	7.599	146	902226	40.229	ng		100
13) 1,4-Dichlorobenzene	7.746	146	923941	40.253	ng		100
14) 1,2-Dichlorobenzene	8.063	146	884300	40.486	ng		100
15) Benzyl Alcohol	7.969	79	729890	43.717	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1107056	40.903	ng		99
17) 2-Methylphenol	8.169	107	719268	41.420	ng		98
18) Hexachloroethane	8.781	117	339392	41.346	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	664607	41.041	ng		98
20) 3+4-Methylphenols	8.504	107	1022405	41.891	ng		98
22) Acetophenone	8.552	105	1296617	40.318	ng	#	99
24) Nitrobenzene	8.928	77	998138	41.191	ng		99
25) Isophorone	9.457	82	1792493	40.993	ng		100
26) 2-Nitrophenol	9.634	139	491499	42.259	ng		99
27) 2,4-Dimethylphenol	9.704	122	706506	40.661	ng		99
28) bis(2-Chloroethoxy)met...	9.940	93	1079309	39.837	ng		100
29) 2,4-Dichlorophenol	10.169	162	848433	41.219	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	896930	40.209	ng		100
31) Naphthalene	10.563	128	2806042	39.999	ng		100
32) Benzoic acid	9.899	122	688379	39.563	ng		98
33) 4-Chloroaniline	10.687	127	1193285	40.782	ng		99
34) Hexachlorobutadiene	10.834	225	576160	40.825	ng		100
35) Caprolactam	11.522	113	295981	43.021	ng		98
36) 4-Chloro-3-methylphenol	11.828	107	965437	41.555	ng		98
37) 2-Methylnaphthalene	12.181	142	2011189	39.997	ng		99
38) 1-Methylnaphthalene	12.398	142	1956791	39.773	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	1035044	40.139	ng		99
41) Hexachlorocyclopentadiene	12.516	237	467517	38.392	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	750861	41.453	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	834463	41.272	ng	99
46) 1,1'-Biphenyl	13.198	154	2537555	39.594	ng	99
47) 2-Chloronaphthalene	13.245	162	1991738	39.596	ng	100
48) 2-Nitroaniline	13.469	65	658891	43.311	ng	98
49) Acenaphthylene	14.092	152	3221804	40.334	ng	99
50) Dimethylphthalate	13.845	163	2735343	39.996	ng	100
51) 2,6-Dinitrotoluene	13.969	165	605843	41.540	ng	96
52) Acenaphthene	14.439	154	1949790	40.102	ng	99
53) 3-Nitroaniline	14.304	138	666630	42.470	ng	99
54) 2,4-Dinitrophenol	14.516	184	377089	39.064	ng	98
55) Dibenzofuran	14.775	168	3053558	39.736	ng	99
56) 4-Nitrophenol	14.628	139	545424	41.810	ng	96
57) 2,4-Dinitrotoluene	14.763	165	809172	43.049	ng	99
58) Fluorene	15.428	166	2426588	40.002	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	766461	41.160	ng	99
60) Diethylphthalate	15.210	149	2786144	40.694	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	1192344	39.654	ng	100
62) 4-Nitroaniline	15.475	138	669882	41.125	ng	96
63) Azobenzene	15.722	77	2517831	41.026	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	522788	40.632	ng	94
66) n-Nitrosodiphenylamine	15.645	169	2215140	39.655	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	858809	40.343	ng	96
68) Hexachlorobenzene	16.433	284	1026233	40.387	ng	98
69) Atrazine	16.610	200	809593	41.564	ng	99
70) Pentachlorophenol	16.786	266	674275	43.018	ng	98
71) Phenanthrene	17.180	178	4123181	39.498	ng	100
72) Anthracene	17.269	178	4036188	40.299	ng	100
73) Carbazole	17.551	167	3785359	40.360	ng	100
74) Di-n-butylphthalate	18.104	149	4880523	41.669	ng	100
75) Fluoranthene	19.157	202	4980210	40.708	ng	99
77) Benzidine	19.345	184	2018810	47.999	ng	100
78) Pyrene	19.510	202	5128737	38.997	ng	100
80) Butylbenzylphthalate	20.386	149	2345562	42.110	ng	97
81) Benzo(a)anthracene	21.221	228	5100328	40.010	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	1873018	43.028	ng	99
83) Chrysene	21.274	228	4861720	40.013	ng	99
84) Bis(2-ethylhexyl)phtha...	21.145	149	3285622	43.128	ng	99
85) Di-n-octyl phthalate	22.051	149	5689233	44.270	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	5946876	40.705	ng	99
88) Benzo(b)fluoranthene	22.868	252	5226629	39.407	ng	99
89) Benzo(k)fluoranthene	22.921	252	5276019	40.768	ng	99
90) Benzo(a)pyrene	23.480	252	4427734	40.881	ng	99
91) Dibenzo(a,h)anthracene	26.039	278	4954705	40.574	ng	99
92) Benzo(g,h,i)perylene	26.768	276	4752765	39.859	ng	99

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

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