Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013596.D
Acq On : 26 Jan 2023 14:01
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jan 27 02:39:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:35:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	179045	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	701884	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	473644	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1136792	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1006138	20.000	ng	0.00
86) Perylene-d12	24.221	264	919661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	824164	82.486	ng	0.00
7) Phenol-d6	7.299	99	1116695	82.734	ng	0.00
23) Nitrobenzene-d5	9.334	82	1077778	84.375	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	597306	82.831	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	2656358	80.099	ng	0.00
79) Terphenyl-d14	20.081	244	4471043	78.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	180584	40.993	ng	100
3) Pyridine	3.940	79	522434	42.485	ng	100
4) n-Nitrosodimethylamine	3.846	42	203892	42.036	ng	100
6) Aniline	7.475	93	749850	41.919	ng	100
8) 2-Chlorophenol	7.716	128	442983	41.765	ng	100
9) Benzaldehyde	7.281	77	332646	43.033	ng	100
10) Phenol	7.328	94	589188	41.672	ng	100
11) bis(2-Chloroethyl)ether	7.569	93	493154	42.119	ng	100
12) 1,3-Dichlorobenzene	8.046	146	510041	41.659	ng	100
13) 1,4-Dichlorobenzene	8.193	146	512286	41.263	ng	100
14) 1,2-Dichlorobenzene	8.516	146	486288	41.603	ng	100
15) Benzyl Alcohol	8.393	79	442644	42.234	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.687	45	542482	41.115	ng	100
17) 2-Methylphenol	8.593	107	425638	41.719	ng	100
18) Hexachloroethane	9.252	117	184057	41.382	ng	100
19) n-Nitroso-di-n-propyla...	8.975	70	372389	42.454	ng	100
20) 3+4-Methylphenols	8.922	107	584156	41.781	ng	100
22) Acetophenone	8.987	105	715545	40.389	ng	100
24) Nitrobenzene	9.375	77	559812	41.875	ng	100
25) Isophorone	9.905	82	1151940	41.169	ng	100
26) 2-Nitrophenol	10.087	139	242402	42.210	ng	100
27) 2,4-Dimethylphenol	10.140	122	433037	40.734	ng	100
28) bis(2-Chloroethoxy)met...	10.381	93	656279	41.224	ng	100
29) 2,4-Dichlorophenol	10.622	162	497677	41.601	ng	100
30) 1,2,4-Trichlorobenzene	10.846	180	547307	41.264	ng	100
31) Naphthalene	11.040	128	1430091	40.097	ng	100
32) Benzoic acid	10.275	122	318710	41.125	ng	100
33) 4-Chloroaniline	11.140	127	636374	41.100	ng	100
34) Hexachlorobutadiene	11.322	225	365881	41.027	ng	100
35) Caprolactam	11.934	113	143049	42.028	ng	100
36) 4-Chloro-3-methylphenol	12.246	107	522061	41.164	ng	100
37) 2-Methylnaphthalene	12.634	142	1110784	40.751	ng	100
38) 1-Methylnaphthalene	12.851	142	1031546	40.434	ng	100
40) 1,2,4,5-Tetrachloroben...	12.993	216	676906	41.022	ng	100
41) Hexachlorocyclopentadiene	12.975	237	362269	42.493	ng	100
43) 2,4,6-Trichlorophenol	13.228	196	457552	41.441	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	534497	41.395	ng	100
46) 1,1'-Biphenyl	13.628	154	1426556	40.418	ng	100
47) 2-Chloronaphthalene	13.675	162	1080179	40.103	ng	100
48) 2-Nitroaniline	13.869	65	244403	43.620	ng	100
49) Acenaphthylene	14.516	152	1793242	40.363	ng	100
50) Dimethylphthalate	14.246	163	1517872	41.258	ng	100
51) 2,6-Dinitrotoluene	14.363	165	301841	43.981	ng	100
52) Acenaphthene	14.857	154	1160225	41.221	ng	100
53) 3-Nitroaniline	14.693	138	300127	43.957	ng	100
54) 2,4-Dinitrophenol	14.893	184	192313	42.540	ng	100
55) Dibenzofuran	15.193	168	1801648	40.456	ng	100
56) 4-Nitrophenol	14.981	139	263196	43.887	ng	100
57) 2,4-Dinitrotoluene	15.145	165	410110	45.064	ng	100
58) Fluorene	15.840	166	1350058	39.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.410	232	464735	41.546	ng	100
60) Diethylphthalate	15.610	149	1418162	42.210	ng	100
61) 4-Chlorophenyl-phenyle...	15.828	204	773948	40.246	ng	100
62) 4-Nitroaniline	15.857	138	286201	43.589	ng	100
63) Azobenzene	16.122	77	1382782	40.393	ng	100
65) 4,6-Dinitro-2-methylph...	15.910	198	254725	41.673	ng	100
66) n-Nitrosodiphenylamine	16.045	169	1244806	39.744	ng	100
67) 4-Bromophenyl-phenylether	16.728	248	527788	40.280	ng	100
68) Hexachlorobenzene	16.845	284	584391	40.802	ng	100
69) Atrazine	16.998	200	419454	43.811	ng	100
70) Pentachlorophenol	17.187	266	462496	41.551	ng	100
71) Phenanthrene	17.592	178	2358313	40.449	ng	100
72) Anthracene	17.681	178	2383169	40.453	ng	100
73) Carbazole	17.945	167	2131931	40.611	ng	100
74) Di-n-butylphthalate	18.481	149	1842686	43.982	ng	100
75) Fluoranthene	19.539	202	3031503	41.688	ng	100
77) Benzidine	19.710	184	439280	41.643	ng	100
78) Pyrene	19.892	202	3072925	39.463	ng	100
80) Butylbenzylphthalate	20.751	149	365180	40.297	ng	100
81) Benzo(a)anthracene	21.616	228	2889037	40.777	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	679828	42.501	ng	100
83) Chrysene	21.669	228	2713743	40.764	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	603256	44.140	ng	100
85) Di-n-octyl phthalate	22.510	149	988529	38.712	ng	100
87) Indeno(1,2,3-cd)pyrene	26.962	276	2534508	39.200	ng	100
88) Benzo(b)fluoranthene	23.427	252	2488494	42.147	ng	100
89) Benzo(k)fluoranthene	23.480	252	2463215	41.921	ng	100
90) Benzo(a)pyrene	24.110	252	2296300	41.321	ng	100
91) Dibenzo(a,h)anthracene	26.980	278	2112602	39.268	ng	100
92) Benzo(g,h,i)perylene	27.810	276	2068787	39.054	ng	100

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

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