Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
Data File : BP005830.D
Acq On : 10 Jun 2021 10:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 10 11:51:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	80461	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	292194	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	178236	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	367658	20.000	ng	0.00
76) Chrysene-d12	21.392	240	420914	20.000	ng	0.00
86) Perylene-d12	23.810	264	524045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	390458	77.869	ng	0.00
7) Phenol-d6	7.116	99	500457	77.002	ng	0.00
23) Nitrobenzene-d5	9.116	82	453520	76.096	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	282534	92.372	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1087956	80.154	ng	0.00
79) Terphenyl-d14	19.869	244	1753472	78.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	82592	36.458	ng	98
3) Pyridine	3.799	79	207846	39.037	ng	97
4) n-Nitrosodimethylamine	3.705	42	87763	35.461	ng	90
6) Aniline	7.275	93	274564	37.840	ng	99
8) 2-Chlorophenol	7.516	128	222588	38.716	ng	97
9) Benzaldehyde	7.087	77	111036	40.076	ng	96
10) Phenol	7.146	94	247744	38.158	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	182973	37.190	ng	97
12) 1,3-Dichlorobenzene	7.840	146	249596	38.826	ng	98
13) 1,4-Dichlorobenzene	7.987	146	253313	38.638	ng	98
14) 1,2-Dichlorobenzene	8.305	146	241279	38.502	ng	97
15) Benzyl Alcohol	8.193	79	182866	37.355	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	145974	32.097	ng	99
17) 2-Methylphenol	8.399	107	167664	37.901	ng	99
18) Hexachloroethane	9.034	117	89590	37.779	ng	90
19) n-Nitroso-di-n-propyla...	8.763	70	143260	35.830	ng	96
20) 3+4-Methylphenols	8.728	107	227455	38.065	ng	99
22) Acetophenone	8.781	105	305165	39.679	ng	98
24) Nitrobenzene	9.157	77	228636	36.944	ng	100
25) Isophorone	9.687	82	400940	36.429	ng	98
26) 2-Nitrophenol	9.869	139	117086	39.652	ng	96
27) 2,4-Dimethylphenol	9.928	122	166437	37.834	ng	95
28) bis(2-Chloroethoxy)met...	10.169	93	210841	36.705	ng	99
29) 2,4-Dichlorophenol	10.404	162	207700	39.288	ng	98
30) 1,2,4-Trichlorobenzene	10.622	180	232464	39.134	ng	97
31) Naphthalene	10.804	128	641117	37.922	ng	100
32) Benzoic acid	10.087	122	121988	38.457	ng	98
33) 4-Chloroaniline	10.916	127	260220	38.101	ng	99
34) Hexachlorobutadiene	11.093	225	168884	42.033	ng	93
35) Caprolactam	11.710	113	58698	38.547	ng	93
36) 4-Chloro-3-methylphenol	12.040	107	204287	38.056	ng	99
37) 2-Methylnaphthalene	12.410	142	457330	37.994	ng	99
38) 1-Methylnaphthalene	12.628	142	430381	37.959	ng	99
40) 1,2,4,5-Tetrachloroben...	12.781	216	263557	42.009	ng	99
41) Hexachlorocyclopentadiene	12.757	237	119293	40.744	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	171885	39.943	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	187041	40.360	ng	98
46) 1,1'-Biphenyl	13.416	154	569006	39.594	ng	98
47) 2-Chloronaphthalene	13.457	162	454427	38.724	ng	98
48) 2-Nitroaniline	13.663	65	112894	36.589	ng	92
49) Acenaphthylene	14.298	152	691582	38.414	ng	99
50) Dimethylphthalate	14.040	163	562141	38.359	ng	99
51) 2,6-Dinitrotoluene	14.157	165	128479	38.572	ng	98
52) Acenaphthene	14.645	154	415821	38.033	ng	98
53) 3-Nitroaniline	14.487	138	121747	37.713	ng	96
54) 2,4-Dinitrophenol	14.692	184	71808	38.900	ng	97
55) Dibenzofuran	14.975	168	683146	37.995	ng	98
56) 4-Nitrophenol	14.792	139	100607	38.448	ng	96
57) 2,4-Dinitrotoluene	14.945	165	175464	39.386	ng	96
58) Fluorene	15.622	166	529241	37.778	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	167609	41.036	ng	96
60) Diethylphthalate	15.392	149	557822	37.939	ng	98
61) 4-Chlorophenyl-phenyle...	15.616	204	280484	38.611	ng	98
62) 4-Nitroaniline	15.645	138	126179	37.973	ng	95
63) Azobenzene	15.910	77	466487	35.069	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	109142	40.396	ng	97
66) n-Nitrosodiphenylamine	15.828	169	470832	38.618	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	192981	40.895	ng	98
68) Hexachlorobenzene	16.628	284	234704	41.494	ng	94
69) Atrazine	16.781	200	164282	43.309	ng	99
70) Pentachlorophenol	16.975	266	138294	43.971	ng	92
71) Phenanthrene	17.363	178	837779	37.944	ng	100
72) Anthracene	17.457	178	825875	38.006	ng	100
73) Carbazole	17.728	167	792993	38.009	ng	99
74) Di-n-butylphthalate	18.269	149	932208	38.565	ng	100
75) Fluoranthene	19.322	202	1032898	38.521	ng	99
77) Benzidine	19.498	184	409764	46.785	ng	99
78) Pyrene	19.675	202	1061435	36.122	ng	99
80) Butylbenzylphthalate	20.539	149	440249	36.417	ng	95
81) Benzo(a)anthracene	21.374	228	1145042	37.686	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	390543	37.178	ng	99
83) Chrysene	21.427	228	1117232	37.964	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	657620	37.091	ng	99
85) Di-n-octyl phthalate	22.221	149	1216768	38.362	ng	98
87) Indeno(1,2,3-cd)pyrene	26.357	276	1737187	38.765	ng	99
88) Benzo(b)fluoranthene	23.074	252	1396297	38.902	ng	99
89) Benzo(k)fluoranthene	23.121	252	1280378	36.788	ng	99
90) Benzo(a)pyrene	23.704	252	1277950	37.871	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1495716	38.778	ng	99
92) Benzo(g,h,i)perylene	27.145	276	1470800	38.601	ng	99

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

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