Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010592.D
Acq On : 28 May 2022 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 28 23:35:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	95805	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	368654	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	240152	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	518934	20.000	ng		0.00
76) Chrysene-d12	21.339	240	567046	20.000	ng		0.00
86) Perylene-d12	23.757	264	571765	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	438965	83.587	ng		0.00
7) Phenol-d6	7.034	99	589812	79.112	ng		0.00
23) Nitrobenzene-d5	9.028	82	639098	81.962	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	233429	85.870	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	1317015	77.832	ng		0.00
79) Terphenyl-d14	19.810	244	2203430	72.987	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	92371	41.419	ng		97
3) Pyridine	3.752	79	264644	42.373	ng		96
4) n-Nitrosodimethylamine	3.664	42	160851	42.238	ng		98
6) Aniline	7.193	93	342263	39.020	ng		99
8) 2-Chlorophenol	7.428	128	233289	39.359	ng		95
9) Benzaldehyde	7.005	77	173105	35.283	ng		95
10) Phenol	7.064	94	304147	39.450	ng		98
11) bis(2-Chloroethyl)ether	7.293	93	234362	38.354	ng		98
12) 1,3-Dichlorobenzene	7.758	146	274693	39.989	ng		96
13) 1,4-Dichlorobenzene	7.905	146	278620	39.584	ng		100
14) 1,2-Dichlorobenzene	8.222	146	263056	39.040	ng		99
15) Benzyl Alcohol	8.111	79	238970	39.985	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.405	45	436214	38.184	ng		99
17) 2-Methylphenol	8.311	107	201424	38.929	ng		97
18) Hexachloroethane	8.946	117	109097	40.070	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	204450	37.598	ng		97
20) 3+4-Methylphenols	8.640	107	279854	39.346	ng		97
22) Acetophenone	8.693	105	376517	39.163	ng	#	98
24) Nitrobenzene	9.069	77	321769	40.845	ng		98
25) Isophorone	9.599	82	510181	39.166	ng		99
26) 2-Nitrophenol	9.781	139	126423	41.178	ng		96
27) 2,4-Dimethylphenol	9.846	122	187877	41.172	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	283281	39.367	ng		98
29) 2,4-Dichlorophenol	10.316	162	223870	40.808	ng		96
30) 1,2,4-Trichlorobenzene	10.534	180	259968	40.286	ng		99
31) Naphthalene	10.716	128	780657	40.197	ng		99
32) Benzoic acid	9.981	122	137460	39.572	ng		96
33) 4-Chloroaniline	10.828	127	307493	40.986	ng		98
34) Hexachlorobutadiene	11.005	225	175481	40.278	ng		98
35) Caprolactam	11.610	113	70342	44.422	ng		94
36) 4-Chloro-3-methylphenol	11.957	107	259252	41.478	ng		99
37) 2-Methylnaphthalene	12.328	142	542359	40.023	ng		99
38) 1-Methylnaphthalene	12.546	142	529004	39.973	ng		100
40) 1,2,4,5-Tetrachloroben...	12.699	216	289218	38.713	ng		99
41) Hexachlorocyclopentadiene	12.681	237	151060	37.984	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	188740	40.469	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	208127	39.454	ng	98
46) 1,1'-Biphenyl	13.334	154	698300	38.984	ng	100
47) 2-Chloronaphthalene	13.375	162	550424	39.094	ng	99
48) 2-Nitroaniline	13.581	65	209052	42.840	ng	98
49) Acenaphthylene	14.222	152	872775	40.358	ng	99
50) Dimethylphthalate	13.963	163	696216	40.275	ng	99
51) 2,6-Dinitrotoluene	14.081	165	152676	41.531	ng	99
52) Acenaphthene	14.569	154	527990	39.766	ng	99
53) 3-Nitroaniline	14.410	138	160045	44.452	ng	99
54) 2,4-Dinitrophenol	14.622	184	83719	40.483	ng	96
55) Dibenzofuran	14.898	168	840904	40.051	ng	99
56) 4-Nitrophenol	14.716	139	124204	42.757	ng	97
57) 2,4-Dinitrotoluene	14.869	165	214399	44.805	ng	100
58) Fluorene	15.551	166	710980	41.421	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.134	232	191677	42.387	ng	100
60) Diethylphthalate	15.328	149	728917	42.359	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	348535	40.398	ng	99
62) 4-Nitroaniline	15.575	138	166402	43.628	ng	97
63) Azobenzene	15.840	77	760023	41.819	ng	99
65) 4,6-Dinitro-2-methylph...	15.640	198	123731	38.548	ng	95
66) n-Nitrosodiphenylamine	15.763	169	598272	38.288	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	211465	37.459	ng	97
68) Hexachlorobenzene	16.563	284	236589	37.942	ng	100
69) Atrazine	16.716	200	212025	41.835	ng	98
70) Pentachlorophenol	16.910	266	150538	42.055	ng	99
71) Phenanthrene	17.298	178	1136997	39.953	ng	99
72) Anthracene	17.392	178	1117896	41.023	ng	99
73) Carbazole	17.663	167	1012275	43.708	ng	100
74) Di-n-butylphthalate	18.216	149	1259340	42.772	ng	99
75) Fluoranthene	19.263	202	1377705	44.572	ng	98
77) Benzidine	19.445	184	531605	48.804	ng	99
78) Pyrene	19.616	202	1447088	36.619	ng	99
80) Butylbenzylphthalate	20.486	149	625740	40.205	ng	98
81) Benzo(a)anthracene	21.328	228	1495420	40.194	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	442052	43.324	ng	100
83) Chrysene	21.380	228	1444876	39.594	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	896613	40.869	ng	100
85) Di-n-octyl phthalate	22.175	149	1527363	41.777	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	1689624	40.537	ng	100
88) Benzo(b)fluoranthene	23.022	252	1463400	40.651	ng	100
89) Benzo(k)fluoranthene	23.069	252	1463655	40.109	ng	100
90) Benzo(a)pyrene	23.651	252	1201567	40.352	ng	100
91) Dibenzo(a,h)anthracene	26.286	278	1411423	40.486	ng	99
92) Benzo(g,h,i)perylene	27.045	276	1401977	40.451	ng	98

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

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