Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006717.D
Acq On : 17 Aug 2021 14:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 17:38:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	175735	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	757491	20.000	ng	#	0.00
39) Acenaphthene-d10	14.351	164	434345	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	857711	20.000	ng	#	0.00
76) Chrysene-d12	21.216	240	818108	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	845099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	853364	74.585	ng		0.00
7) Phenol-d6	6.887	99	1185213	72.923	ng		0.00
23) Nitrobenzene-d5	8.863	82	1195132	72.825	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	335092	73.819	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2054263	70.760	ng		0.00
79) Terphenyl-d14	19.686	244	2999637	73.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	185312	37.202	ng		95
3) Pyridine	3.640	79	531031	36.272	ng		97
4) n-Nitrosodimethylamine	3.558	42	195036	35.295	ng	#	77
6) Aniline	7.040	93	629479	35.655	ng		94
8) 2-Chlorophenol	7.269	128	464683	37.536	ng		93
9) Benzaldehyde	6.852	77	343080	35.072	ng		92
10) Phenol	6.911	94	586050	35.960	ng		98
11) bis(2-Chloroethyl)ether	7.146	93	443944	35.875	ng		92
12) 1,3-Dichlorobenzene	7.587	146	477953	37.044	ng		96
13) 1,4-Dichlorobenzene	7.740	146	483465	36.921	ng		96
14) 1,2-Dichlorobenzene	8.052	146	468478	37.284	ng		95
15) Benzyl Alcohol	7.952	79	440517	36.142	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.234	45	515154	34.983	ng		93
17) 2-Methylphenol	8.152	107	385386	37.450	ng		97
18) Hexachloroethane	8.769	117	200376	38.661	ng	#	87
19) n-Nitroso-di-n-propyla...	8.522	70	399001	36.592	ng		95
20) 3+4-Methylphenols	8.481	107	522425	37.297	ng		97
22) Acetophenone	8.528	105	711505	35.419	ng	#	95
24) Nitrobenzene	8.905	77	613534	35.965	ng		90
25) Isophorone	9.434	82	1053570	35.743	ng		95
26) 2-Nitrophenol	9.610	139	235720	37.968	ng	#	91
27) 2,4-Dimethylphenol	9.681	122	367519	35.351	ng		92
28) bis(2-Chloroethoxy)met...	9.916	93	549623	34.849	ng		97
29) 2,4-Dichlorophenol	10.140	162	392161	37.258	ng		93
30) 1,2,4-Trichlorobenzene	10.352	180	407987	36.073	ng		94
31) Naphthalene	10.540	128	1451656	35.664	ng		99
32) Benzoic acid	9.834	122	297720	37.018	ng		88
33) 4-Chloroaniline	10.657	127	577046	35.033	ng	#	94
34) Hexachlorobutadiene	10.822	225	246327	37.375	ng		98
35) Caprolactam	11.469	113	135244	35.635	ng	#	65
36) 4-Chloro-3-methylphenol	11.793	107	489278	36.587	ng		90
37) 2-Methylnaphthalene	12.157	142	981812	35.597	ng		99
38) 1-Methylnaphthalene	12.375	142	931542	35.540	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	407718	35.865	ng	#	95
41) Hexachlorocyclopentadiene	12.504	237	194954	32.334	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	289891	37.346	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	315927	36.769	ng	#	87
46) 1,1'-Biphenyl	13.181	154	1166206	35.473	ng		97
47) 2-Chloronaphthalene	13.216	162	905483	35.766	ng		94
48) 2-Nitroaniline	13.434	65	326814	36.578	ng	#	83
49) Acenaphthylene	14.069	152	1466816	35.931	ng		99
50) Dimethylphthalate	13.822	163	1113491	35.218	ng		99
51) 2,6-Dinitrotoluene	13.940	165	250662	35.530	ng	#	74
52) Acenaphthene	14.410	154	886105	35.666	ng		98
53) 3-Nitroaniline	14.269	138	275974	35.285	ng		81
54) 2,4-Dinitrophenol	14.475	184	118480	32.114	ng	#	69
55) Dibenzofuran	14.751	168	1389785	35.563	ng		94
56) 4-Nitrophenol	14.581	139	239499	35.266	ng	#	87
57) 2,4-Dinitrotoluene	14.728	165	351518	37.153	ng	#	71
58) Fluorene	15.404	166	1114643	35.685	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	268532	37.294	ng	#	69
60) Diethylphthalate	15.192	149	1199479	36.120	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	503962	35.627	ng		90
62) 4-Nitroaniline	15.434	138	295673	35.626	ng		95
63) Azobenzene	15.698	77	1441632	37.235	ng		92
65) 4,6-Dinitro-2-methylph...	15.492	198	176083	33.599	ng		67
66) n-Nitrosodiphenylamine	15.622	169	945878	35.086	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	297863	36.194	ng	#	82
68) Hexachlorobenzene	16.404	284	331892	35.439	ng	#	82
69) Atrazine	16.587	200	300970	35.776	ng		96
70) Pentachlorophenol	16.757	266	220941	37.183	ng		100
71) Phenanthrene	17.151	178	1710045	35.346	ng		99
72) Anthracene	17.239	178	1676384	35.859	ng		100
73) Carbazole	17.522	167	1683122	35.298	ng		98
74) Di-n-butylphthalate	18.086	149	2029699	37.361	ng		99
75) Fluoranthene	19.128	202	1918347	35.327	ng		94
77) Benzidine	19.322	184	680050	33.219	ng		99
78) Pyrene	19.480	202	1976490	36.169	ng		99
80) Butylbenzylphthalate	20.375	149	945192	39.335	ng		86
81) Benzo(a)anthracene	21.198	228	1916231	35.840	ng		100
82) 3,3'-Dichlorobenzidine	21.139	252	497453	35.440	ng	#	97
83) Chrysene	21.251	228	1876240	36.198	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1396683	38.679	ng	#	95
85) Di-n-octyl phthalate	22.045	149	2363271	39.707	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.927	276	2231803	36.421	ng	#	90
88) Benzo(b)fluoranthene	22.827	252	1970391	35.874	ng	#	96
89) Benzo(k)fluoranthene	22.874	252	1881534	35.679	ng	#	96
90) Benzo(a)pyrene	23.427	252	1793211	36.400	ng	#	95
91) Dibenzo(a,h)anthracene	25.945	278	1927544	36.381	ng	#	94
92) Benzo(g,h,i)perylene	26.657	276	1860855	36.652	ng	#	89

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

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