Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005664.D
Acq On : 02 Jun 2021 13:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 02 14:34:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	182221	20.00	ng		0.00
21) Naphthalene-d8	10.793	136	682910	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	410775	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	823814	20.00	ng		# 0.00
76) Chrysene-d12	21.421	240	1122440	20.00	ng		# 0.00
86) Perylene-d12	23.862	264	1247072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	912460	77.85	ng		0.00
7) Phenol-d6	7.146	99	1224521	76.64	ng		0.00
23) Nitrobenzene-d5	9.151	82	1075771	87.61	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	500911	95.10	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	2403972	77.45	ng		0.00
79) Terphenyl-d14	19.892	244	4625100	77.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	195990	36.54	ng	#	88
3) Pyridine	3.828	79	532065	40.07	ng		90
4) n-Nitrosodimethylamine	3.734	42	236082	39.92	ng	#	25
6) Aniline	7.310	93	695768	37.25	ng		94
8) 2-Chlorophenol	7.552	128	507317	38.66	ng		92
9) Benzaldehyde	7.122	77	249944	36.13	ng		88
10) Phenol	7.175	94	614315	37.66	ng		100
11) bis(2-Chloroethyl)ether	7.410	93	470848	37.38	ng		97
12) 1,3-Dichlorobenzene	7.875	146	551656	37.03	ng		98
13) 1,4-Dichlorobenzene	8.022	146	558484	36.99	ng		98
14) 1,2-Dichlorobenzene	8.340	146	535925	37.12	ng		99
15) Benzyl Alcohol	8.228	79	436021	38.04	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.522	45	540072	37.46	ng		82
17) 2-Methylphenol	8.428	107	398395	37.51	ng		95
18) Hexachloroethane	9.075	117	200527	37.43	ng		89
19) n-Nitroso-di-n-propyla...	8.799	70	386322	38.01	ng		97
20) 3+4-Methylphenols	8.757	107	536311	37.91	ng		94
22) Acetophenone	8.810	105	691430	37.96	ng	#	97
24) Nitrobenzene	9.193	77	572495	41.97	ng		94
25) Isophorone	9.722	82	1033166	37.90	ng	#	97
26) 2-Nitrophenol	9.904	139	237418	45.74	ng	#	82
27) 2,4-Dimethylphenol	9.963	122	396588	37.90	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	548205	37.36	ng		100
29) 2,4-Dichlorophenol	10.440	162	453395	40.29	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	501394	37.61	ng		98
31) Naphthalene	10.845	128	1512014	37.18	ng		98
32) Benzoic acid	10.098	122	272586	47.34	ng		96
33) 4-Chloroaniline	10.951	127	615221	36.33	ng	#	91
34) Hexachlorobutadiene	11.134	225	323075	38.80	ng		98
35) Caprolactam	11.740	113	133841	43.43	ng	#	60
36) 4-Chloro-3-methylphenol	12.069	107	462599	39.05	ng		95
37) 2-Methylnaphthalene	12.445	142	1066387	37.01	ng	#	87
38) 1-Methylnaphthalene	12.663	142	1003985	36.72	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.816	216	539652	39.38	ng		97
41) Hexachlorocyclopentadiene	12.792	237	264166	34.63	ng		98
43) 2,4,6-Trichlorophenol	13.045	196	363661	43.76	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	391512	43.56	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1256732	37.68	ng		98
47) 2-Chloronaphthalene	13.492	162	1023384	37.75	ng		99
48) 2-Nitroaniline	13.692	65	281565	44.15	ng	#	79
49) Acenaphthylene	14.334	152	1596625	37.78	ng		100
50) Dimethylphthalate	14.069	163	1237263	37.87	ng		99
51) 2,6-Dinitrotoluene	14.181	165	274600	39.10	ng	#	68
52) Acenaphthene	14.675	154	978914	35.63	ng		97
53) 3-Nitroaniline	14.510	138	287066	40.81	ng	#	82
54) 2,4-Dinitrophenol	14.716	184	114116	41.57	ng		94
55) Dibenzofuran	15.004	168	1576195	37.43	ng		98
56) 4-Nitrophenol	14.810	139	231366	39.93	ng	#	60
57) 2,4-Dinitrotoluene	14.969	165	364152	41.43	ng	#	67
58) Fluorene	15.651	166	1275412	37.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	350151	45.03	ng	#	88
60) Diethylphthalate	15.428	149	1220280	37.22	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	642733	38.19	ng		99
62) 4-Nitroaniline	15.669	138	300130	40.71	ng	#	49
63) Azobenzene	15.939	77	1291024	37.61	ng		96
65) 4,6-Dinitro-2-methylph...	15.728	198	181820	44.87	ng		83
66) n-Nitrosodiphenylamine	15.863	169	1085462	38.67	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	400477	40.35	ng		96
68) Hexachlorobenzene	16.657	284	465770	39.42	ng	#	94
69) Atrazine	16.810	200	338057	42.14	ng		96
70) Pentachlorophenol	17.004	266	278666	47.02	ng		96
71) Phenanthrene	17.392	178	1927857	37.56	ng		100
72) Anthracene	17.486	178	1928972	38.06	ng		99
73) Carbazole	17.751	167	1867782	37.45	ng		100
74) Di-n-butylphthalate	18.298	149	2040909	38.21	ng	#	92
75) Fluoranthene	19.351	202	2707610	43.95	ng		97
77) Benzidine	19.522	184	802849	37.66	ng		98
78) Pyrene	19.698	202	2834384	35.79	ng		99
80) Butylbenzylphthalate	20.569	149	1058318	34.32	ng	#	89
81) Benzo(a)anthracene	21.404	228	3017902	36.64	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	1055298	39.66	ng	#	97
83) Chrysene	21.457	228	2906875	36.44	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1623223	36.28	ng	#	96
85) Di-n-octyl phthalate	22.257	149	2811101	37.38	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.433	276	4070887	38.37	ng	#	92
88) Benzo(b)fluoranthene	23.115	252	3289692	36.36	ng	#	98
89) Benzo(k)fluoranthene	23.163	252	3195530	37.27	ng	#	97
90) Benzo(a)pyrene	23.757	252	3092033	37.56	ng	#	97
91) Dibenzo(a,h)anthracene	26.445	278	3511946	38.14	ng	#	95
92) Benzo(g,h,i)perylene	27.221	276	3393119	38.21	ng	#	94

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

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