Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005563.D
Acq On : 15 May 2021 11:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:17 AM

Quant Time: May 16 02:42:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	12343	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	42095	20.00	ng		# 0.00
39) Acenaphthene-d10	14.328	164	34798	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	86160	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	115253	20.00	ng		# 0.00
86) Perylene-d12	23.498	264	131689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	49515	76.99	ng		0.00
7) Phenol-d6	6.875	99	65456	81.62	ng		0.00
23) Nitrobenzene-d5	8.846	82	78643	73.53	ng		0.00
42) 2,4,6-Tribromophenol	15.833	330	68917	69.79	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	225188	73.00	ng		0.00
79) Terphenyl-d14	19.663	244	539582	79.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	10178	40.66	ng	#	91
3) Pyridine	3.569	79	24414	42.87	ng	#	82
4) n-Nitrosodimethylamine	3.481	42	18094	39.51	ng	#	8
6) Aniline	7.010	93	34949	40.38	ng	#	85
8) 2-Chlorophenol	7.246	128	27764	40.19	ng		91
9) Benzaldehyde	6.828	77	17565	43.23	ng	#	80
10) Phenol	6.905	94	31537	39.32	ng	#	61
11) bis(2-Chloroethyl)ether	7.110	93	21421	38.66	ng		96
12) 1,3-Dichlorobenzene	7.557	146	34867	37.94	ng	#	91
13) 1,4-Dichlorobenzene	7.710	146	34771	37.96	ng		100
14) 1,2-Dichlorobenzene	8.022	146	34476	39.27	ng		99
15) Benzyl Alcohol	7.934	79	29554	38.20	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.199	45	10654	38.95	ng		72
17) 2-Methylphenol	8.146	107	23244	42.19	ng	#	84
18) Hexachloroethane	8.734	117	14214	37.46	ng	#	84
19) n-Nitroso-di-n-propyla...	8.493	70	25603	43.60	ng		97
20) 3+4-Methylphenols	8.475	107	30836	42.11	ng		87
22) Acetophenone	8.510	105	45480	38.30	ng	#	89
24) Nitrobenzene	8.887	77	40580	37.82	ng	#	93
25) Isophorone	9.410	82	65468	39.53	ng	#	95
26) 2-Nitrophenol	9.593	139	16457	36.63	ng	#	80
27) 2,4-Dimethylphenol	9.669	122	22557	37.94	ng	#	85
28) bis(2-Chloroethoxy)met...	9.893	93	25918	37.38	ng		98
29) 2,4-Dichlorophenol	10.146	162	33965	36.37	ng		94
30) 1,2,4-Trichlorobenzene	10.334	180	42101	35.30	ng		96
31) Naphthalene	10.516	128	83845	37.04	ng		98
32) Benzoic acid	9.881	122	16252	35.38	ng	#	76
33) 4-Chloroaniline	10.651	127	33274	37.74	ng		95
34) Hexachlorobutadiene	10.787	225	35042	35.23	ng		96
35) Caprolactam	11.469	113	8500m	39.56	ng		
36) 4-Chloro-3-methylphenol	11.798	107	32216	38.70	ng		99
37) 2-Methylnaphthalene	12.140	142	68236	37.58	ng		99
38) 1-Methylnaphthalene	12.357	142	65738	38.35	ng		94
40) 1,2,4,5-Tetrachloroben...	12.510	216	56176	35.14	ng		98
41) Hexachlorocyclopentadiene	12.481	237	19480	34.00	ng		92
43) 2,4,6-Trichlorophenol	12.769	196	35439	35.48	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	39432	36.58	ng		98
46) 1,1'-Biphenyl	13.157	154	97970	36.57	ng		95
47) 2-Chloronaphthalene	13.204	162	81126	36.37	ng		98
48) 2-Nitroaniline	13.434	65	24660	38.91	ng		95
49) Acenaphthylene	14.051	152	118968	37.02	ng		100
50) Dimethylphthalate	13.798	163	110950	36.94	ng		100
51) 2,6-Dinitrotoluene	13.928	165	25179	37.33	ng		89
52) Acenaphthene	14.392	154	71531	35.77	ng		95
53) 3-Nitroaniline	14.263	138	17462	36.13	ng		99
54) 2,4-Dinitrophenol	14.498	184	15537	38.18	ng	#	88
55) Dibenzofuran	14.734	168	136048	36.17	ng		98
56) 4-Nitrophenol	14.616	139	14909	40.87	ng	#	88
57) 2,4-Dinitrotoluene	14.728	165	37110	37.32	ng	#	87
58) Fluorene	15.386	166	111857	36.42	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.975	232	39108	36.28	ng		97
60) Diethylphthalate	15.163	149	107407	36.91	ng		100
61) 4-Chlorophenyl-phenyle...	15.381	204	70145	36.50	ng		97
62) 4-Nitroaniline	15.433	138	17425	37.53	ng	#	83
63) Azobenzene	15.675	77	112566	37.53	ng		86
65) 4,6-Dinitro-2-methylph...	15.498	198	25570	37.45	ng		95
66) n-Nitrosodiphenylamine	15.604	169	95782	38.09	ng	#	93
67) 4-Bromophenyl-phenylether	16.275	248	51469	38.27	ng		97
68) Hexachlorobenzene	16.392	284	64058	37.56	ng		99
69) Atrazine	16.569	200	44400	37.80	ng		96
70) Pentachlorophenol	16.751	266	29594	32.70	ng		90
71) Phenanthrene	17.128	178	183205	37.42	ng		99
72) Anthracene	17.222	178	182456	37.55	ng		99
73) Carbazole	17.510	167	156740	36.63	ng		99
74) Di-n-butylphthalate	18.057	149	178662	38.04	ng	#	96
75) Fluoranthene	19.110	202	246721	36.64	ng		98
77) Benzidine	19.304	184	78907	44.23	ng		98
78) Pyrene	19.463	202	254149	38.95	ng		99
80) Butylbenzylphthalate	20.339	149	86278	40.93	ng	#	86
81) Benzo(a)anthracene	21.174	228	285088	38.17	ng		98
82) 3,3'-Dichlorobenzidine	21.116	252	107415	38.17	ng		93
83) Chrysene	21.227	228	278153	38.43	ng		97
84) Bis(2-ethylhexyl)phtha...	21.098	149	129587	40.20	ng		99
85) Di-n-octyl phthalate	21.986	149	219221	40.49	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.898	276	413781	37.35	ng	#	97
88) Benzo(b)fluoranthene	22.792	252	322501	36.75	ng	#	99
89) Benzo(k)fluoranthene	22.839	252	319828	37.27	ng	#	98
90) Benzo(a)pyrene	23.392	252	296048	36.80	ng	#	98
91) Dibenzo(a,h)anthracene	25.904	278	364245	37.26	ng	#	99
92) Benzo(g,h,i)perylene	26.633	276	331738	36.68	ng	#	96

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

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