Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
Data File : BP005462.D
Acq On : 10 May 2021 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:44 PM

Quant Time: May 10 11:02:54 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 07 12:37:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	9581	20.00	ng		0.00
21) Naphthalene-d8	10.499	136	31839	20.00	ng		# 0.00
39) Acenaphthene-d10	14.351	164	28587	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	77435	20.00	ng		# 0.00
76) Chrysene-d12	21.198	240	112728	20.00	ng		# 0.00
86) Perylene-d12	23.510	264	128760	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	38553	77.22	ng		0.00
7) Phenol-d6	6.893	99	46511	74.71	ng		0.00
23) Nitrobenzene-d5	8.869	82	63208	78.14	ng		-0.01
42) 2,4,6-Tribromophenol	15.845	330	62372	76.89	ng		-0.01
45) 2-Fluorobiphenyl	12.975	172	181624	71.67	ng		0.00
79) Terphenyl-d14	19.675	244	521117	78.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	9918	52.27	ng	#	90
3) Pyridine	3.605	79	22576m	51.07	ng		
4) n-Nitrosodimethylamine	3.517	42	16313	45.89	ng	#	5
6) Aniline	7.046	93	25050	37.28	ng	#	81
8) 2-Chlorophenol	7.275	128	20520	38.27	ng		90
9) Benzaldehyde	6.858	77	14024	44.58	ng	#	65
10) Phenol	6.922	94	22278	35.78	ng	#	39
11) bis(2-Chloroethyl)ether	7.140	93	15673	36.44	ng		97
12) 1,3-Dichlorobenzene	7.593	146	25819	36.19	ng	#	82
13) 1,4-Dichlorobenzene	7.740	146	26250	36.92	ng		99
14) 1,2-Dichlorobenzene	8.052	146	26194	38.44	ng		97
15) Benzyl Alcohol	7.964	79	23004	38.31	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.240	45	7817	36.82	ng	#	62
17) 2-Methylphenol	8.164	107	16024	37.47	ng	#	81
18) Hexachloroethane	8.769	117	12086	41.03	ng		90
19) n-Nitroso-di-n-propyla...	8.522	70	17604	38.62	ng	#	89
20) 3+4-Methylphenols	8.499	107	21327	37.52	ng	#	85
22) Acetophenone	8.540	105	33817	37.65	ng	#	84
24) Nitrobenzene	8.916	77	30842	38.01	ng	#	91
25) Isophorone	9.440	82	47083	37.59	ng	#	95
26) 2-Nitrophenol	9.622	139	11981	35.26	ng	#	61
27) 2,4-Dimethylphenol	9.693	122	16702	37.14	ng	#	68
28) bis(2-Chloroethoxy)met...	9.922	93	18458	35.20	ng		94
29) 2,4-Dichlorophenol	10.158	162	26711	37.82	ng		93
30) 1,2,4-Trichlorobenzene	10.363	180	35588	39.45	ng		99
31) Naphthalene	10.546	128	64128	37.46	ng		100
32) Benzoic acid	9.869	122	12746	36.69	ng	#	69
33) 4-Chloroaniline	10.675	127	23826	35.73	ng	#	87
34) Hexachlorobutadiene	10.822	225	32003	42.53	ng		96
35) Caprolactam	11.481	113	5484	33.75	ng		87
36) 4-Chloro-3-methylphenol	11.810	107	23462	37.26	ng		96
37) 2-Methylnaphthalene	12.163	142	52874m	38.50	ng		
38) 1-Methylnaphthalene	12.387	142	49837	38.44	ng		90
40) 1,2,4,5-Tetrachloroben...	12.534	216	47832	36.42	ng		96
41) Hexachlorocyclopentadiene	12.504	237	19936	40.42	ng		100
43) 2,4,6-Trichlorophenol	12.787	196	30195	36.80	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	31806	35.92	ng		95
46) 1,1'-Biphenyl	13.187	154	76209	34.62	ng		93
47) 2-Chloronaphthalene	13.222	162	65890	35.95	ng		99
48) 2-Nitroaniline	13.446	65	19375	37.22	ng		92
49) Acenaphthylene	14.075	152	93489	35.41	ng		99
50) Dimethylphthalate	13.822	163	88572	35.89	ng		99
51) 2,6-Dinitrotoluene	13.946	165	19569	35.31	ng		99
52) Acenaphthene	14.416	154	58608	35.68	ng		92
53) 3-Nitroaniline	14.281	138	13614	34.29	ng		99
54) 2,4-Dinitrophenol	14.498	184	13345	39.92	ng	#	65
55) Dibenzofuran	14.751	168	112503	36.41	ng		97
56) 4-Nitrophenol	14.610	139	10349	34.53	ng	#	70
57) 2,4-Dinitrotoluene	14.740	165	28976	35.47	ng		88
58) Fluorene	15.404	166	95104	37.70	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.987	232	33573	37.92	ng		96
60) Diethylphthalate	15.187	149	88159	36.88	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	62209	39.40	ng		99
62) 4-Nitroaniline	15.445	138	14140	37.07	ng	#	77
63) Azobenzene	15.693	77	100247	40.69	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	22954	37.40	ng		94
66) n-Nitrosodiphenylamine	15.622	169	83670	37.02	ng		93
67) 4-Bromophenyl-phenylether	16.298	248	44720	37.00	ng		98
68) Hexachlorobenzene	16.404	284	56771	37.03	ng		97
69) Atrazine	16.581	200	39035	36.98	ng		97
70) Pentachlorophenol	16.763	266	30841	37.92	ng		92
71) Phenanthrene	17.145	178	163665	37.20	ng		98
72) Anthracene	17.240	178	161418	36.97	ng		99
73) Carbazole	17.522	167	140861	36.63	ng		99
74) Di-n-butylphthalate	18.069	149	156272	37.02	ng		98
75) Fluoranthene	19.122	202	234006	38.67	ng		97
77) Benzidine	19.316	184	79324	45.46	ng		97
78) Pyrene	19.475	202	241632	37.86	ng		100
80) Butylbenzylphthalate	20.351	149	78295	37.97	ng		92
81) Benzo(a)anthracene	21.186	228	276453	37.85	ng		98
82) 3,3'-Dichlorobenzidine	21.122	252	103398	37.57	ng		96
83) Chrysene	21.233	228	273386	38.61	ng		97
84) Bis(2-ethylhexyl)phtha...	21.110	149	119437	37.88	ng	#	95
85) Di-n-octyl phthalate	22.004	149	202317	38.20	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.916	276	396494	36.60	ng	#	96
88) Benzo(b)fluoranthene	22.810	252	317478	37.00	ng	#	96
89) Benzo(k)fluoranthene	22.857	252	318929	38.01	ng	#	97
90) Benzo(a)pyrene	23.410	252	293748	37.35	ng	#	98
91) Dibenzo(a,h)anthracene	25.927	278	353015	36.93	ng	#	97
92) Benzo(g,h,i)perylene	26.651	276	318629	36.03	ng	#	94

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

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