Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005346.D
Acq On : 20 Apr 2021 09:42
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
4/21/2021 11:25:49 AM

Quant Time: Apr 20 12:13:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 12:00:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	22887	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	34747	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	20389	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	48634	20.00	ng	#	0.00
76) Chrysene-d12	21.169	240	77714	20.00	ng		0.00
86) Perylene-d12	23.427	264	86471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	11781	7.71	ng		0.00
7) Phenol-d6	6.834	99	11254	6.18	ng		0.00
23) Nitrobenzene-d5	8.810	82	11036	8.76	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	3606	10.06	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	13503	8.76	ng		0.00
79) Terphenyl-d14	19.645	244	30263	7.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	4522	4.45	ng	#	88
3) Pyridine	3.628	79	8817	4.30	ng	#	86
4) n-Nitrosodimethylamine	3.511	42	2657	3.53	ng	#	1
6) Aniline	6.987	93	5329	3.34	ng		93
8) 2-Chlorophenol	7.216	128	5052	3.53	ng		98
9) Benzaldehyde	6.799	77	3363	4.14	ng		89
10) Phenol	6.863	94	5849	3.22	ng		90
11) bis(2-Chloroethyl)ether	7.087	93	4357	3.28	ng		87
12) 1,3-Dichlorobenzene	7.534	146	8519	4.62	ng		90
13) 1,4-Dichlorobenzene	7.681	146	8137	4.60	ng		93
14) 1,2-Dichlorobenzene	7.999	146	7808	4.68	ng		94
15) Benzyl Alcohol	7.910	79	2565	3.25	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.175	45	2601	3.22	ng		89
17) 2-Methylphenol	8.110	107	3117	3.54	ng	#	91
18) Hexachloroethane	8.710	117	3636	5.46	ng		96
19) n-Nitroso-di-n-propyla...	8.463	70	2275	2.83	ng	#	93
20) 3+4-Methylphenols	8.440	107	3363	3.15	ng		97
22) Acetophenone	8.475	105	6124	3.75	ng	#	97
24) Nitrobenzene	8.852	77	5387	4.36	ng	#	95
25) Isophorone	9.381	82	4219	3.21	ng	#	91
26) 2-Nitrophenol	9.563	139	1633	4.87	ng	#	75
27) 2,4-Dimethylphenol	9.634	122	1862	3.79	ng		90
28) bis(2-Chloroethoxy)met...	9.863	93	2297	3.43	ng	#	93
29) 2,4-Dichlorophenol	10.104	162	2632	4.46	ng	#	67
30) 1,2,4-Trichlorobenzene	10.299	180	3706	4.56	ng		95
31) Naphthalene	10.487	128	8133	3.98	ng	#	93
32) Benzoic acid	9.763	122	1141m	3.40	ng		
33) 4-Chloroaniline	10.616	127	2292	3.46	ng	#	92
34) Hexachlorobutadiene	10.763	225	3950	5.65	ng		90
35) Caprolactam	11.410	113	547m	3.80	ng		
36) 4-Chloro-3-methylphenol	11.751	107	1780	3.04	ng	#	82
37) 2-Methylnaphthalene	12.110	142	4731	3.77	ng	#	88
38) 1-Methylnaphthalene	12.328	142	4470m	3.67	ng		
40) 1,2,4,5-Tetrachloroben...	12.481	216	3766	4.99	ng	#	95
41) Hexachlorocyclopentadiene	12.451	237	503	2.15	ng	#	67
43) 2,4,6-Trichlorophenol	12.740	196	2126m	5.32	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	2221	5.03	ng		95
46) 1,1'-Biphenyl	13.134	154	6584	4.54	ng		90
47) 2-Chloronaphthalene	13.175	162	5551	4.70	ng		98
48) 2-Nitroaniline	13.398	65	988	3.32	ng	#	60
49) Acenaphthylene	14.028	152	7856	4.39	ng	#	91
50) Dimethylphthalate	13.775	163	5741	4.33	ng		99
51) 2,6-Dinitrotoluene	13.898	165	1532	4.55	ng	#	77
52) Acenaphthene	14.369	154	5021	4.21	ng		91
53) 3-Nitroaniline	14.240	138	1122	4.07	ng	#	61
54) 2,4-Dinitrophenol	14.481	184	630	3.35	ng	#	72
55) Dibenzofuran	14.710	168	8793	4.08	ng	#	97
56) 4-Nitrophenol	14.604	139	626	2.94	ng	#	48
57) 2,4-Dinitrotoluene	14.698	165	1959	3.82	ng	#	78
58) Fluorene	15.363	166	6652	3.77	ng	#	91
59) 2,3,4,6-Tetrachlorophenol	14.951	232	2379	5.00	ng	#	91
60) Diethylphthalate	15.145	149	5282	3.88	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	4015	4.02	ng	#	85
62) 4-Nitroaniline	15.410	138	1116	3.94	ng	#	47
63) Azobenzene	15.657	77	5576	2.85	ng		89
65) 4,6-Dinitro-2-methylph...	15.469	198	1467	4.62	ng		72
66) n-Nitrosodiphenylamine	15.581	169	5739	4.22	ng		89
67) 4-Bromophenyl-phenylether	16.263	248	2586	4.33	ng	#	85
68) Hexachlorobenzene	16.369	284	4131	5.44	ng	#	95
69) Atrazine	16.545	200	2298	4.71	ng	#	70
70) Pentachlorophenol	16.739	266	1697	4.60	ng	#	85
71) Phenanthrene	17.110	178	12787	4.37	ng		99
72) Anthracene	17.204	178	10637	3.85	ng		96
73) Carbazole	17.486	167	9853	3.94	ng	#	94
74) Di-n-butylphthalate	18.045	149	8772	3.94	ng	#	95
75) Fluoranthene	19.098	202	14601	4.10	ng		91
77) Benzidine	19.292	184	6207	6.07	ng		98
78) Pyrene	19.451	202	14909	3.51	ng	#	91
80) Butylbenzylphthalate	20.327	149	4276	4.31	ng	#	73
81) Benzo(a)anthracene	21.157	228	19988	4.09	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	6571	5.43	ng		99
83) Chrysene	21.210	228	20979	4.31	ng		97
84) Bis(2-ethylhexyl)phtha...	21.080	149	6429	4.13	ng	#	94
85) Di-n-octyl phthalate	21.957	149	11901	4.12	ng	#	99
87) Indeno(1,2,3-cd)pyrene	25.733	276	32910	4.86	ng		97
88) Benzo(b)fluoranthene	22.745	252	25400m	4.30	ng		
89) Benzo(k)fluoranthene	22.792	252	22786	4.02	ng		98
90) Benzo(a)pyrene	23.327	252	21728	4.10	ng		98
91) Dibenzo(a,h)anthracene	25.745	278	27717	4.69	ng		97
92) Benzo(g,h,i)perylene	26.439	276	28056	5.05	ng	#	97

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

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