Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005350.D
Acq On : 20 Apr 2021 11:58
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/21/2021 11:25:57 AM

Quant Time: Apr 20 12:51:44 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	32727	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	53698	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	42241	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	116066	20.00	ng		0.00
76) Chrysene-d12	21.175	240	176749	20.00	ng		0.00
86) Perylene-d12	23.433	264	173081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	209575	95.98	ng		0.00
7) Phenol-d6	6.834	99	252856	97.03	ng		0.00
23) Nitrobenzene-d5	8.810	82	195501	100.42	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	99192	133.55	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	318468	99.71	ng		0.00
79) Terphenyl-d14	19.651	244	952723	104.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	55043	37.92	ng	#	93
3) Pyridine	3.581	79	119662	40.80	ng		99
4) n-Nitrosodimethylamine	3.493	42	41309	38.36	ng	#	80
6) Aniline	6.987	93	111580	48.87	ng		99
8) 2-Chlorophenol	7.216	128	104243	50.99	ng		99
9) Benzaldehyde	6.799	77	47230	40.68	ng		99
10) Phenol	6.864	94	123677	47.64	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	87988	46.29	ng		97
12) 1,3-Dichlorobenzene	7.534	146	131169	49.74	ng		98
13) 1,4-Dichlorobenzene	7.681	146	125055	49.40	ng		97
14) 1,2-Dichlorobenzene	7.993	146	118177	49.52	ng		100
15) Benzyl Alcohol	7.899	79	53404	47.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	54570	47.23	ng		98
17) 2-Methylphenol	8.105	107	61604	48.91	ng		98
18) Hexachloroethane	8.710	117	41154	43.18	ng		96
19) n-Nitroso-di-n-propyla...	8.458	70	53626	46.68	ng		96
20) 3+4-Methylphenols	8.434	107	72325	47.41	ng		98
22) Acetophenone	8.475	105	135415	53.70	ng	#	99
24) Nitrobenzene	8.852	77	95598	50.10	ng		99
25) Isophorone	9.375	82	102780	50.58	ng		99
26) 2-Nitrophenol	9.558	139	27413	52.88	ng		92
27) 2,4-Dimethylphenol	9.628	122	40317	53.09	ng		87
28) bis(2-Chloroethoxy)met...	9.857	93	52804	50.95	ng		94
29) 2,4-Dichlorophenol	10.093	162	49395	54.16	ng		96
30) 1,2,4-Trichlorobenzene	10.299	180	67268	53.51	ng		100
31) Naphthalene	10.487	128	162103	51.29	ng		98
32) Benzoic acid	9.805	122	26121	50.44	ng		90
33) 4-Chloroaniline	10.605	127	54260	53.08	ng		96
34) Hexachlorobutadiene	10.763	225	59920	55.42	ng		99
35) Caprolactam	11.410	113	10879m	48.93	ng		
36) 4-Chloro-3-methylphenol	11.752	107	44807	49.44	ng		97
37) 2-Methylnaphthalene	12.110	142	103757	53.54	ng		94
38) 1-Methylnaphthalene	12.328	142	99057	52.64	ng		98
40) 1,2,4,5-Tetrachloroben...	12.481	216	80737	51.67	ng		97
41) Hexachlorocyclopentadiene	12.451	237	30979	63.97	ng		97
43) 2,4,6-Trichlorophenol	12.734	196	41885	50.60	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	46617	50.92	ng		91
46) 1,1'-Biphenyl	13.134	154	144908	48.21	ng		97
47) 2-Chloronaphthalene	13.175	162	121026	49.44	ng		100
48) 2-Nitroaniline	13.399	65	31464	51.04	ng		96
49) Acenaphthylene	14.028	152	184036	49.65	ng		99
50) Dimethylphthalate	13.775	163	139396	50.80	ng		100
51) 2,6-Dinitrotoluene	13.898	165	34997	50.22	ng		95
52) Acenaphthene	14.375	154	123101	49.82	ng		96
53) 3-Nitroaniline	14.234	138	28392	49.69	ng		93
54) 2,4-Dinitrophenol	14.445	184	21748	55.82	ng		93
55) Dibenzofuran	14.710	168	227603	50.95	ng		98
56) 4-Nitrophenol	14.563	139	22858	51.90	ng		94
57) 2,4-Dinitrotoluene	14.693	165	55602	52.28	ng		96
58) Fluorene	15.363	166	194969	53.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	56883	57.67	ng		99
60) Diethylphthalate	15.145	149	148595	52.65	ng		100
61) 4-Chlorophenyl-phenyle...	15.363	204	115420	55.81	ng		98
62) 4-Nitroaniline	15.404	138	31315	53.34	ng		90
63) Azobenzene	15.657	77	207779	51.29	ng		99
65) 4,6-Dinitro-2-methylph...	15.463	198	37883	50.02	ng		92
66) n-Nitrosodiphenylamine	15.581	169	152727	47.06	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	80152	56.24	ng		99
68) Hexachlorobenzene	16.375	284	98928	54.56	ng		99
69) Atrazine	16.545	200	59356	51.01	ng		97
70) Pentachlorophenol	16.728	266	50528	57.42	ng		92
71) Phenanthrene	17.116	178	338834	48.55	ng		99
72) Anthracene	17.204	178	327413	49.66	ng		98
73) Carbazole	17.487	167	294208	49.29	ng		99
74) Di-n-butylphthalate	18.039	149	255652	48.07	ng		98
75) Fluoranthene	19.092	202	448183	52.72	ng		99
77) Benzidine	19.286	184	93094	40.03	ng		98
78) Pyrene	19.451	202	477211	49.35	ng		100
80) Butylbenzylphthalate	20.328	149	98537	43.64	ng		98
81) Benzo(a)anthracene	21.157	228	546157	49.12	ng		99
82) 3,3'-Dichlorobenzidine	21.092	252	134866	48.96	ng		97
83) Chrysene	21.210	228	528693	47.78	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	155301	43.86	ng	#	98
85) Di-n-octyl phthalate	21.963	149	279781	42.62	ng		99
87) Indeno(1,2,3-cd)pyrene	25.751	276	677385	50.00	ng		100
88) Benzo(b)fluoranthene	22.751	252	583811	49.36	ng		98
89) Benzo(k)fluoranthene	22.792	252	577083	50.89	ng		99
90) Benzo(a)pyrene	23.333	252	528598	49.78	ng		99
91) Dibenzo(a,h)anthracene	25.757	278	593754	50.17	ng		98
92) Benzo(g,h,i)perylene	26.451	276	543843	48.94	ng		99

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

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