Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006453.D
Acq On : 02 Aug 2021 15:59
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 16:49:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 15:59:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:10 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	230394	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	966883	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	564565	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	1135531	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	1099593	20.000	ng	#	0.00
86) Perylene-d12	23.574	264	1128944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1458704	101.628	ng		0.00
7) Phenol-d6	6.940	99	2139898	107.727	ng		0.00
23) Nitrobenzene-d5	8.922	82	2055131	112.472	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	614044	119.368	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	3658548	97.470	ng		0.00
79) Terphenyl-d14	19.722	244	5408270	99.515	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	302546	49.619	ng		89
3) Pyridine	3.699	79	932925m	53.505	ng		
4) n-Nitrosodimethylamine	3.611	42	358713	60.148	ng	#	84
6) Aniline	7.099	93	1179238	54.611	ng		95
8) 2-Chlorophenol	7.328	128	809552	51.654	ng		91
9) Benzaldehyde	6.910	77	571224	49.849	ng		92
10) Phenol	6.969	94	1074148	54.365	ng		97
11) bis(2-Chloroethyl)ether	7.199	93	816642	53.818	ng		90
12) 1,3-Dichlorobenzene	7.652	146	821465	49.150	ng		97
13) 1,4-Dichlorobenzene	7.799	146	838638	49.410	ng		98
14) 1,2-Dichlorobenzene	8.110	146	805698	49.598	ng		97
15) Benzyl Alcohol	8.010	79	822448	57.565	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	948598	57.593	ng		91
17) 2-Methylphenol	8.205	107	690990	54.175	ng		99
18) Hexachloroethane	8.834	117	328062	53.152	ng		89
19) n-Nitroso-di-n-propyla...	8.575	70	728433	59.490	ng	#	95
20) 3+4-Methylphenols	8.540	107	950107	55.100	ng		98
22) Acetophenone	8.587	105	1270624	53.149	ng	#	98
24) Nitrobenzene	8.963	77	1067435	55.956	ng		92
25) Isophorone	9.493	82	1916454	57.129	ng		94
26) 2-Nitrophenol	9.669	139	415649	56.937	ng		94
27) 2,4-Dimethylphenol	9.734	122	680200	51.788	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1001389	52.335	ng		98
29) 2,4-Dichlorophenol	10.199	162	690965	51.331	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	704716	47.479	ng		96
31) Naphthalene	10.599	128	2545435	49.826	ng		99
32) Benzoic acid	9.887	122	555572	59.463	ng		93
33) 4-Chloroaniline	10.710	127	1065381	52.147	ng	#	95
34) Hexachlorobutadiene	10.881	225	407558	46.806	ng		97
35) Caprolactam	11.516	113	268275	62.969	ng	#	70
36) 4-Chloro-3-methylphenol	11.840	107	887393	55.389	ng		91
37) 2-Methylnaphthalene	12.210	142	1756776	50.079	ng		99
38) 1-Methylnaphthalene	12.428	142	1664305	50.329	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	720518	47.341	ng	#	96
41) Hexachlorocyclopentadiene	12.557	237	402932	48.876	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	518851	51.634	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.893	196	568211	51.571	ng	#	87
46) 1,1'-Biphenyl	13.228	154	2079620	49.176	ng		96
47) 2-Chloronaphthalene	13.263	162	1609352	49.549	ng		95
48) 2-Nitroaniline	13.475	65	604230	64.603	ng		87
49) Acenaphthylene	14.116	152	2655365	51.615	ng		99
50) Dimethylphthalate	13.863	163	2039540	51.470	ng		99
51) 2,6-Dinitrotoluene	13.981	165	466315	54.368	ng	#	84
52) Acenaphthene	14.457	154	1602255	50.383	ng		98
53) 3-Nitroaniline	14.304	138	537054	58.311	ng		82
54) 2,4-Dinitrophenol	14.510	184	261306	60.449	ng	#	84
55) Dibenzofuran	14.792	168	2512655	50.455	ng		94
56) 4-Nitrophenol	14.616	139	468584	59.806	ng		88
57) 2,4-Dinitrotoluene	14.763	165	652787	58.225	ng	#	81
58) Fluorene	15.445	166	2027601	51.081	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	479121	52.368	ng	#	72
60) Diethylphthalate	15.234	149	2167768	53.340	ng		97
61) 4-Chlorophenyl-phenyle...	15.445	204	903616	48.586	ng		90
62) 4-Nitroaniline	15.475	138	582586	61.025	ng		90
63) Azobenzene	15.739	77	2539545	58.534	ng		93
65) 4,6-Dinitro-2-methylph...	15.528	198	356156	56.404	ng		75
66) n-Nitrosodiphenylamine	15.663	169	1761463	50.054	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	539304	53.774	ng	#	88
68) Hexachlorobenzene	16.445	284	600703	47.340	ng	#	88
69) Atrazine	16.622	200	557944	50.219	ng		95
70) Pentachlorophenol	16.792	266	409230	53.755	ng		99
71) Phenanthrene	17.186	178	3132084	49.995	ng		99
72) Anthracene	17.281	178	3082647	50.876	ng		99
73) Carbazole	17.557	167	3149464	51.954	ng		98
74) Di-n-butylphthalate	18.122	149	3647369	53.166	ng		100
75) Fluoranthene	19.163	202	3582410	51.094	ng		94
77) Benzidine	19.351	184	1206243	42.028	ng		100
78) Pyrene	19.516	202	3651446	50.484	ng		99
80) Butylbenzylphthalate	20.404	149	1699616	55.538	ng		89
81) Benzo(a)anthracene	21.227	228	3508830	49.699	ng		100
82) 3,3'-Dichlorobenzidine	21.169	252	968260	51.813	ng	#	97
83) Chrysene	21.280	228	3422310	50.116	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	2505168	54.328	ng	#	96
85) Di-n-octyl phthalate	22.074	149	4159575	54.235	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.992	276	4062261	50.343	ng	#	88
88) Benzo(b)fluoranthene	22.868	252	3693633	50.896	ng	#	96
89) Benzo(k)fluoranthene	22.916	252	3450632	50.218	ng	#	96
90) Benzo(a)pyrene	23.474	252	3338614	51.353	ng	#	95
91) Dibenzo(a,h)anthracene	26.015	278	3486144	50.005	ng	#	93
92) Benzo(g,h,i)perylene	26.733	276	3379390	50.274	ng	#	90

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

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