Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005593.D
Acq On : 18 May 2021 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 15:45:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/19/2021 11:39:38 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	9481	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	32220	20.00	ng	#	0.00
39) Acenaphthene-d10	14.310	164	27025	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	71010	20.00	ng	#	0.00
76) Chrysene-d12	21.174	240	100153	20.00	ng	#	0.00
86) Perylene-d12	23.462	264	112150	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	39231	79.41	ng		0.00
7) Phenol-d6	6.863	99	49096	79.70	ng		0.00
23) Nitrobenzene-d5	8.828	82	64372	78.64	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	55050	71.78	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	177581	74.12	ng		0.00
79) Terphenyl-d14	19.645	244	453571	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	7702	39.99	ng	#	87
3) Pyridine	3.563	79	20631	47.16	ng	#	72
4) n-Nitrosodimethylamine	3.475	42	13930	39.60	ng	#	5
6) Aniline	6.999	93	26623	40.04	ng	#	73
8) 2-Chlorophenol	7.234	128	21877	41.23	ng		93
9) Benzaldehyde	6.816	77	14478	46.68	ng	#	72
10) Phenol	6.887	94	24631	39.98	ng	#	47
11) bis(2-Chloroethyl)ether	7.104	93	15840	37.22	ng		97
12) 1,3-Dichlorobenzene	7.546	146	27497	38.95	ng	#	79
13) 1,4-Dichlorobenzene	7.699	146	27839	39.56	ng		97
14) 1,2-Dichlorobenzene	8.010	146	27105	40.19	ng		96
15) Benzyl Alcohol	7.922	79	22314m	37.55	ng		
16) 2,2'-oxybis(1-Chloropr...	8.198	45	7828	37.26	ng		66
17) 2-Methylphenol	8.128	107	16805	39.71	ng	#	76
18) Hexachloroethane	8.722	117	12008	41.20	ng		82
19) n-Nitroso-di-n-propyla...	8.481	70	18536	41.09	ng	#	87
20) 3+4-Methylphenols	8.463	107	23105	41.07	ng	#	82
22) Acetophenone	8.498	105	34916	38.41	ng	#	84
24) Nitrobenzene	8.875	77	30788	37.49	ng		97
25) Isophorone	9.398	82	47152	37.20	ng	#	92
26) 2-Nitrophenol	9.581	139	12634	36.74	ng	#	84
27) 2,4-Dimethylphenol	9.651	122	16548	36.36	ng	#	77
28) bis(2-Chloroethoxy)met...	9.881	93	19796	37.30	ng		94
29) 2,4-Dichlorophenol	10.128	162	25776	36.06	ng		92
30) 1,2,4-Trichlorobenzene	10.316	180	33677	36.89	ng		98
31) Naphthalene	10.498	128	66125	38.16	ng		98
32) Benzoic acid	9.851	122	11956	34.01	ng	#	60
33) 4-Chloroaniline	10.634	127	24945	36.97	ng		95
34) Hexachlorobutadiene	10.775	225	31520	41.40	ng		96
35) Caprolactam	11.445	113	6014	36.57	ng		87
36) 4-Chloro-3-methylphenol	11.781	107	25166	39.50	ng		95
37) 2-Methylnaphthalene	12.122	142	52265	37.61	ng		93
38) 1-Methylnaphthalene	12.339	142	50659	38.61	ng		96
40) 1,2,4,5-Tetrachloroben...	12.498	216	46779	37.67	ng		97
41) Hexachlorocyclopentadiene	12.463	237	15252	34.21	ng		97
43) 2,4,6-Trichlorophenol	12.757	196	28920	37.28	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	29529	35.27	ng	#	88
46) 1,1'-Biphenyl	13.145	154	77033	37.02	ng		97
47) 2-Chloronaphthalene	13.186	162	62022	35.80	ng		97
48) 2-Nitroaniline	13.416	65	19145	38.90	ng		98
49) Acenaphthylene	14.033	152	90818	36.39	ng		98
50) Dimethylphthalate	13.786	163	85743	36.75	ng		99
51) 2,6-Dinitrotoluene	13.916	165	19082	36.43	ng		97
52) Acenaphthene	14.375	154	56099	36.13	ng		96
53) 3-Nitroaniline	14.251	138	12667	33.75	ng		83
54) 2,4-Dinitrophenol	14.486	184	10755	34.03	ng	#	85
55) Dibenzofuran	14.716	168	109519	37.49	ng		98
56) 4-Nitrophenol	14.604	139	11619	41.01	ng	#	61
57) 2,4-Dinitrotoluene	14.716	165	28811	37.30	ng	#	88
58) Fluorene	15.369	166	88497	37.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	31536	37.67	ng	#	97
60) Diethylphthalate	15.151	149	84664	37.47	ng		97
61) 4-Chlorophenyl-phenyle...	15.363	204	57002	38.19	ng		97
62) 4-Nitroaniline	15.422	138	13045	36.18	ng	#	70
63) Azobenzene	15.657	77	93464	40.13	ng		86
65) 4,6-Dinitro-2-methylph...	15.486	198	20819	36.99	ng		91
66) n-Nitrosodiphenylamine	15.586	169	75308	36.34	ng		95
67) 4-Bromophenyl-phenylether	16.257	248	40432	36.48	ng		96
68) Hexachlorobenzene	16.369	284	51355	36.53	ng	#	92
69) Atrazine	16.551	200	35855	37.04	ng		99
70) Pentachlorophenol	16.733	266	28059	37.62	ng		95
71) Phenanthrene	17.110	178	147461	36.54	ng		98
72) Anthracene	17.204	178	146423	36.57	ng		99
73) Carbazole	17.486	167	126742	35.94	ng		98
74) Di-n-butylphthalate	18.039	149	142957	36.93	ng	#	96
75) Fluoranthene	19.092	202	207847	37.45	ng		97
77) Benzidine	19.286	184	73517	47.42	ng		99
78) Pyrene	19.445	202	215802	38.06	ng		99
80) Butylbenzylphthalate	20.321	149	68823	37.57	ng		88
81) Benzo(a)anthracene	21.157	228	249941	38.51	ng		98
82) 3,3'-Dichlorobenzidine	21.098	252	92561	37.85	ng		96
83) Chrysene	21.210	228	244883	38.93	ng		96
84) Bis(2-ethylhexyl)phtha...	21.080	149	104800	37.41	ng		96
85) Di-n-octyl phthalate	21.962	149	180181	38.29	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.845	276	332424	35.23	ng	#	96
88) Benzo(b)fluoranthene	22.768	252	278715	37.29	ng	#	97
89) Benzo(k)fluoranthene	22.815	252	284321	38.91	ng	#	97
90) Benzo(a)pyrene	23.362	252	256626	37.46	ng	#	97
91) Dibenzo(a,h)anthracene	25.856	278	289012	34.71	ng		97
92) Benzo(g,h,i)perylene	26.574	276	266093	34.54	ng	#	95

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

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