Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
Data File : BP006234.D
Acq On : 15 Jul 2021 12:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 13:37:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 13:37:02 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad

7/16/2021 10:56:09 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	153443	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	626369	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	337914	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	636617	20.000	ng	#	0.00
76) Chrysene-d12	21.310	240	588736	20.000	ng	#	0.00
86) Perylene-d12	23.692	264	683562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	722789	81.050	ng		0.00
7) Phenol-d6	7.034	99	988693	83.817	ng		0.00
23) Nitrobenzene-d5	9.010	82	840091	84.718	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	333982	83.017	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1885495	82.489	ng		0.00
79) Terphenyl-d14	19.780	244	2560005	85.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	141903	40.555	ng		94
3) Pyridine	3.705	79	379454	42.680	ng	#	87
4) n-Nitrosodimethylamine	3.611	42	144901	41.437	ng	#	84
6) Aniline	7.175	93	524504	42.143	ng		99
8) 2-Chlorophenol	7.410	128	438528	41.987	ng		99
9) Benzaldehyde	6.993	77	256418	39.830	ng		90
10) Phenol	7.057	94	470823	41.560	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	367715	42.955	ng		98
12) 1,3-Dichlorobenzene	7.728	146	462134	41.294	ng		96
13) 1,4-Dichlorobenzene	7.875	146	469636	41.090	ng		99
14) 1,2-Dichlorobenzene	8.193	146	451938	41.535	ng		99
15) Benzyl Alcohol	8.099	79	302567m	42.428	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	433982	42.686	ng		90
17) 2-Methylphenol	8.310	107	332785	43.181	ng		94
18) Hexachloroethane	8.910	117	161453	42.432	ng		94
19) n-Nitroso-di-n-propyla...	8.657	70	289585	45.031	ng		95
20) 3+4-Methylphenols	8.646	107	455292	43.728	ng		95
22) Acetophenone	8.675	105	598628	41.990	ng		98
24) Nitrobenzene	9.057	77	422716	42.150	ng		92
25) Isophorone	9.587	82	813670	43.223	ng		96
26) 2-Nitrophenol	9.769	139	241618	43.337	ng	#	85
27) 2,4-Dimethylphenol	9.840	122	347188	42.185	ng		95
28) bis(2-Chloroethoxy)met...	10.063	93	449510	43.088	ng		99
29) 2,4-Dichlorophenol	10.322	162	383659	42.427	ng		97
30) 1,2,4-Trichlorobenzene	10.510	180	398288	41.368	ng		98
31) Naphthalene	10.693	128	1356054	41.529	ng		99
32) Benzoic acid	10.046	122	249700	41.109	ng		95
33) 4-Chloroaniline	10.822	127	533632	42.336	ng		98
34) Hexachlorobutadiene	10.969	225	218568	41.231	ng		99
35) Caprolactam	11.645	113	126200	44.272	ng		90
36) 4-Chloro-3-methylphenol	11.963	107	404922	41.467	ng		99
37) 2-Methylnaphthalene	12.304	142	877210	38.720	ng		97
38) 1-Methylnaphthalene	12.522	142	816814	38.096	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	343504	40.980	ng		96
41) Hexachlorocyclopentadiene	12.645	237	26151	26.953	ng		97
43) 2,4,6-Trichlorophenol	12.934	196	249878	41.205	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	273594	42.051	ng	#	93
46) 1,1'-Biphenyl	13.316	154	1053213	41.516	ng		99
47) 2-Chloronaphthalene	13.357	162	799424	40.962	ng		97
48) 2-Nitroaniline	13.581	65	220844	45.538	ng		95
49) Acenaphthylene	14.204	152	1316823	41.903	ng		100
50) Dimethylphthalate	13.945	163	1021940	42.057	ng		99
51) 2,6-Dinitrotoluene	14.075	165	236612	43.191	ng		96
52) Acenaphthene	14.545	154	789870	41.319	ng		99
53) 3-Nitroaniline	14.410	138	240424	43.318	ng		96
54) 2,4-Dinitrophenol	14.651	184	92813	37.551	ng		97
55) Dibenzofuran	14.881	168	1243911	41.800	ng		98
56) 4-Nitrophenol	14.775	139	126050	33.971	ng	#	86
57) 2,4-Dinitrotoluene	14.875	165	328418	44.512	ng	#	89
58) Fluorene	15.528	166	1004208	42.004	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	216129	42.453	ng	#	76
60) Diethylphthalate	15.304	149	1064395	42.713	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	436241	41.623	ng		92
62) 4-Nitroaniline	15.581	138	221961	39.692	ng	#	82
63) Azobenzene	15.816	77	919169	44.182	ng		96
65) 4,6-Dinitro-2-methylph...	15.645	198	160217	39.417	ng		87
66) n-Nitrosodiphenylamine	15.739	169	874300	42.178	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	261230	41.625	ng	#	92
68) Hexachlorobenzene	16.539	284	302877	40.658	ng		96
69) Atrazine	16.698	200	276988	42.562	ng		94
70) Pentachlorophenol	16.898	266	136592	39.729	ng		98
71) Phenanthrene	17.275	178	1502518	41.791	ng		99
72) Anthracene	17.363	178	1477930	41.961	ng		100
73) Carbazole	17.645	167	1477579	42.334	ng		99
74) Di-n-butylphthalate	18.180	149	1848806	44.006	ng		99
75) Fluoranthene	19.239	202	1622141	41.166	ng		95
77) Benzidine	19.427	184	707886	40.549	ng		99
78) Pyrene	19.592	202	1674463	42.079	ng		99
80) Butylbenzylphthalate	20.451	149	870407	44.097	ng		96
81) Benzo(a)anthracene	21.298	228	1568077	42.112	ng		100
82) 3,3'-Dichlorobenzidine	21.227	252	456487	41.790	ng	#	97
83) Chrysene	21.351	228	1553488	42.216	ng		100
84) Bis(2-ethylhexyl)phtha...	21.210	149	1301644	44.678	ng	#	98
85) Di-n-octyl phthalate	22.110	149	2366063	46.111	ng		99
87) Indeno(1,2,3-cd)pyrene	26.186	276	2123098	42.128	ng	#	89
88) Benzo(b)fluoranthene	22.963	252	1827493	44.074	ng	#	97
89) Benzo(k)fluoranthene	23.010	252	1675486	41.341	ng	#	96
90) Benzo(a)pyrene	23.586	252	1638277	42.104	ng	#	95
91) Dibenzo(a,h)anthracene	26.192	278	1827283	42.108	ng	#	93
92) Benzo(g,h,i)perylene	26.956	276	1779434	41.666	ng	#	90

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

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