Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006751.D
Acq On : 18 Aug 2021 18:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 04:49:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/19/2021 1:27:42 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	176012	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	741846	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	412711	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	784962	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	737408	20.000	ng	#	0.00
86) Perylene-d12	23.515	264	778131	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	844972	73.735	ng		0.00
7) Phenol-d6	6.887	99	1159065	71.202	ng		0.00
23) Nitrobenzene-d5	8.863	82	1140088	70.936	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	321190	74.465	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1982186	71.857	ng		0.00
79) Terphenyl-d14	19.680	244	2712816	73.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	173395	34.755	ng		96
3) Pyridine	3.646	79	495218	33.772	ng		98
4) n-Nitrosodimethylamine	3.558	42	173941	31.428	ng	#	73
6) Aniline	7.040	93	621296	35.136	ng		97
8) 2-Chlorophenol	7.269	128	459314	37.044	ng		95
9) Benzaldehyde	6.852	77	326673	33.342	ng		95
10) Phenol	6.916	94	572307	35.062	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	433422	34.970	ng		93
12) 1,3-Dichlorobenzene	7.587	146	476964	36.909	ng		97
13) 1,4-Dichlorobenzene	7.734	146	481929	36.746	ng		98
14) 1,2-Dichlorobenzene	8.046	146	462193	36.726	ng		96
15) Benzyl Alcohol	7.952	79	463044m	37.931	ng		
16) 2,2'-oxybis(1-Chloropr...	8.228	45	482021	32.682	ng		94
17) 2-Methylphenol	8.152	107	375466	36.428	ng		99
18) Hexachloroethane	8.763	117	193972	37.366	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	382795	35.050	ng		94
20) 3+4-Methylphenols	8.481	107	518646	36.969	ng		98
22) Acetophenone	8.528	105	690829	35.115	ng	#	99
24) Nitrobenzene	8.904	77	580010	34.716	ng		92
25) Isophorone	9.434	82	1028849	35.640	ng		96
26) 2-Nitrophenol	9.610	139	239494	39.390	ng		93
27) 2,4-Dimethylphenol	9.675	122	367053	36.051	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	536499	34.735	ng		98
29) 2,4-Dichlorophenol	10.140	162	384013	37.254	ng		95
30) 1,2,4-Trichlorobenzene	10.351	180	398670	35.992	ng		98
31) Naphthalene	10.534	128	1403790	35.215	ng		100
32) Benzoic acid	9.834	122	294957	37.448	ng		93
33) 4-Chloroaniline	10.657	127	566035	35.090	ng		96
34) Hexachlorobutadiene	10.816	225	238397	36.934	ng		99
35) Caprolactam	11.463	113	136232	36.652	ng	#	72
36) 4-Chloro-3-methylphenol	11.793	107	474677	36.244	ng		92
37) 2-Methylnaphthalene	12.151	142	952432	35.260	ng		99
38) 1-Methylnaphthalene	12.375	142	898725	35.011	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	396776	36.732	ng	#	96
41) Hexachlorocyclopentadiene	12.498	237	200814	35.052	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	288088	39.059	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	305708	37.445	ng	#	90
46) 1,1'-Biphenyl	13.175	154	1118015	35.790	ng		97
47) 2-Chloronaphthalene	13.216	162	863492	35.895	ng		94
48) 2-Nitroaniline	13.428	65	308794	36.373	ng	#	84
49) Acenaphthylene	14.063	152	1394696	35.956	ng		99
50) Dimethylphthalate	13.816	163	1061286	35.327	ng		99
51) 2,6-Dinitrotoluene	13.934	165	244159	36.422	ng	#	78
52) Acenaphthene	14.410	154	830582	35.183	ng		97
53) 3-Nitroaniline	14.263	138	267203	35.955	ng		82
54) 2,4-Dinitrophenol	14.475	184	129486	36.937	ng	#	81
55) Dibenzofuran	14.745	168	1303667	35.108	ng		94
56) 4-Nitrophenol	14.581	139	228600	35.425	ng	#	86
57) 2,4-Dinitrotoluene	14.728	165	335307	37.297	ng	#	80
58) Fluorene	15.398	166	1044361	35.187	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	255089	37.284	ng	#	71
60) Diethylphthalate	15.186	149	1123077	35.592	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	472241	35.135	ng	#	89
62) 4-Nitroaniline	15.434	138	275005	34.873	ng		92
63) Azobenzene	15.692	77	1288448	35.023	ng		94
65) 4,6-Dinitro-2-methylph...	15.492	198	180918	37.720	ng		77
66) n-Nitrosodiphenylamine	15.616	169	887976	35.990	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	277233	36.809	ng	#	83
68) Hexachlorobenzene	16.398	284	313031	36.522	ng	#	86
69) Atrazine	16.581	200	286142	37.166	ng		94
70) Pentachlorophenol	16.751	266	206773	38.024	ng		99
71) Phenanthrene	17.145	178	1563978	35.323	ng		99
72) Anthracene	17.233	178	1548814	36.201	ng		99
73) Carbazole	17.516	167	1548375	35.481	ng		98
74) Di-n-butylphthalate	18.080	149	1917063	38.558	ng		100
75) Fluoranthene	19.122	202	1773779	35.692	ng		95
77) Benzidine	19.310	184	710689	38.515	ng		99
78) Pyrene	19.474	202	1808906	36.725	ng		99
80) Butylbenzylphthalate	20.369	149	891828	41.176	ng		90
81) Benzo(a)anthracene	21.192	228	1734551	35.992	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	469180	37.084	ng	#	98
83) Chrysene	21.245	228	1673035	35.810	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1308923	40.215	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2249487	41.932	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.904	276	2079835	36.862	ng	#	90
88) Benzo(b)fluoranthene	22.815	252	1776048	35.119	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	1721635	35.457	ng	#	96
90) Benzo(a)pyrene	23.415	252	1642733	36.215	ng	#	96
91) Dibenzo(a,h)anthracene	25.927	278	1781244	36.513	ng	#	94
92) Benzo(g,h,i)perylene	26.639	276	1725190	36.904	ng	#	91

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

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