Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006738.D
Acq On : 18 Aug 2021 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 12:22:44 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 1:27:19 PM

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	170801	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	725275	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	411841	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	808466	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	778042	20.000	ng	#	0.00
86) Perylene-d12	23.516	264	825846	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	827762	74.437	ng		0.00
7) Phenol-d6	6.887	99	1136111	71.921	ng		0.00
23) Nitrobenzene-d5	8.863	82	1115814	71.012	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	325156	75.544	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1982956	72.036	ng		0.00
79) Terphenyl-d14	19.680	244	2814661	72.489	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	172253	35.580	ng		94
3) Pyridine	3.640	79	494703	34.766	ng		98
4) n-Nitrosodimethylamine	3.558	42	173559	32.316	ng	#	72
6) Aniline	7.040	93	607082	35.380	ng		96
8) 2-Chlorophenol	7.269	128	451149	37.496	ng		95
9) Benzaldehyde	6.852	77	318567	33.507	ng		95
10) Phenol	6.911	94	563107	35.551	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	427223	35.521	ng		93
12) 1,3-Dichlorobenzene	7.587	146	469414	37.433	ng		97
13) 1,4-Dichlorobenzene	7.734	146	471864	37.076	ng		98
14) 1,2-Dichlorobenzene	8.046	146	455787	37.322	ng		96
15) Benzyl Alcohol	7.952	79	413943	34.943	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.240	45	463751	32.402	ng		95
17) 2-Methylphenol	8.152	107	368422	36.835	ng		99
18) Hexachloroethane	8.763	117	186712	37.065	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	374035	35.293	ng		94
20) 3+4-Methylphenols	8.481	107	505512	37.133	ng		96
22) Acetophenone	8.528	105	680749	35.393	ng	#	98
24) Nitrobenzene	8.905	77	571220	34.971	ng		92
25) Isophorone	9.434	82	999186	35.404	ng		96
26) 2-Nitrophenol	9.610	139	237029	39.875	ng		95
27) 2,4-Dimethylphenol	9.675	122	358709	36.036	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	522266	34.586	ng		98
29) 2,4-Dichlorophenol	10.140	162	376579	37.367	ng		95
30) 1,2,4-Trichlorobenzene	10.352	180	389420	35.960	ng		97
31) Naphthalene	10.534	128	1378157	35.362	ng		99
32) Benzoic acid	9.834	122	279717	36.324	ng		91
33) 4-Chloroaniline	10.657	127	555452	35.220	ng		95
34) Hexachlorobutadiene	10.816	225	235129	37.260	ng		99
35) Caprolactam	11.463	113	132109	36.355	ng	#	72
36) 4-Chloro-3-methylphenol	11.793	107	462619	36.130	ng		92
37) 2-Methylnaphthalene	12.151	142	943208	35.716	ng		99
38) 1-Methylnaphthalene	12.375	142	883714	35.213	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	393037	36.463	ng	#	95
41) Hexachlorocyclopentadiene	12.499	237	203323	35.565	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	281804	38.288	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	302896	37.179	ng	#	89
46) 1,1'-Biphenyl	13.175	154	1114529	35.754	ng		97
47) 2-Chloronaphthalene	13.216	162	860154	35.832	ng		95
48) 2-Nitroaniline	13.428	65	310071	36.601	ng		85
49) Acenaphthylene	14.063	152	1397246	36.097	ng		99
50) Dimethylphthalate	13.816	163	1063757	35.484	ng		99
51) 2,6-Dinitrotoluene	13.934	165	242858	36.304	ng	#	78
52) Acenaphthene	14.410	154	830856	35.269	ng		97
53) 3-Nitroaniline	14.263	138	266874	35.986	ng		83
54) 2,4-Dinitrophenol	14.475	184	134488	38.445	ng	#	84
55) Dibenzofuran	14.745	168	1305136	35.222	ng		93
56) 4-Nitrophenol	14.581	139	230643	35.817	ng		87
57) 2,4-Dinitrotoluene	14.728	165	337200	37.587	ng	#	81
58) Fluorene	15.398	166	1042242	35.190	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	255131	37.369	ng	#	72
60) Diethylphthalate	15.187	149	1133501	35.999	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	479841	35.775	ng	#	89
62) 4-Nitroaniline	15.434	138	262973m	33.417	ng		
63) Azobenzene	15.692	77	1299430	35.396	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	187566	37.970	ng		73
66) n-Nitrosodiphenylamine	15.616	169	893428	35.159	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	286831	36.976	ng	#	89
68) Hexachlorobenzene	16.398	284	316844	35.893	ng	#	86
69) Atrazine	16.581	200	291423	36.752	ng		96
70) Pentachlorophenol	16.751	266	208919	37.301	ng		99
71) Phenanthrene	17.145	178	1588785	34.840	ng		99
72) Anthracene	17.234	178	1574958	35.742	ng		99
73) Carbazole	17.516	167	1575683	35.057	ng		98
74) Di-n-butylphthalate	18.081	149	1925059	37.594	ng		99
75) Fluoranthene	19.122	202	1821587	35.589	ng		95
77) Benzidine	19.316	184	729549	37.472	ng		98
78) Pyrene	19.475	202	1867259	35.930	ng		99
80) Butylbenzylphthalate	20.369	149	901328	39.441	ng		88
81) Benzo(a)anthracene	21.192	228	1828043	35.951	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	481856	36.097	ng	#	97
83) Chrysene	21.245	228	1772486	35.957	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1327710	38.662	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2286854	40.402	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.904	276	2188004	36.538	ng	#	90
88) Benzo(b)fluoranthene	22.816	252	1877066	34.972	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	1846437	35.830	ng	#	96
90) Benzo(a)pyrene	23.416	252	1746453	36.277	ng	#	95
91) Dibenzo(a,h)anthracene	25.927	278	1869181	36.102	ng	#	93
92) Benzo(g,h,i)perylene	26.645	276	1814782	36.577	ng	#	91

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

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