Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006843.D
Acq On : 24 Aug 2021 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 13:41:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 13:40:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	152776	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	608528	20.000	ng	#	0.00
39) Acenaphthene-d10	14.340	164	347201	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	689411	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	690668	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	731981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	825732	83.015	ng		0.00
7) Phenol-d6	6.881	99	1128216	79.848	ng		0.00
23) Nitrobenzene-d5	8.852	82	1089146	82.613	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	349109	96.210	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2017010	86.915	ng		0.00
79) Terphenyl-d14	19.686	244	3038845	88.164	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	166065	38.348	ng		97
3) Pyridine	3.628	79	474664	37.294	ng		98
4) n-Nitrosodimethylamine	3.546	42	160260	33.360	ng	#	71
6) Aniline	7.028	93	606676	39.528	ng		98
8) 2-Chlorophenol	7.258	128	456786	42.443	ng		98
9) Benzaldehyde	6.840	77	314296	36.958	ng		96
10) Phenol	6.905	94	559842	39.514	ng		98
11) bis(2-Chloroethyl)ether	7.128	93	417987	38.853	ng		96
12) 1,3-Dichlorobenzene	7.575	146	476453	42.477	ng		98
13) 1,4-Dichlorobenzene	7.722	146	483323	42.457	ng		98
14) 1,2-Dichlorobenzene	8.034	146	464012	42.479	ng		97
15) Benzyl Alcohol	7.940	79	421918	39.818	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	420336	32.834	ng		99
17) 2-Methylphenol	8.146	107	374979	41.914	ng		98
18) Hexachloroethane	8.752	117	188082	41.742	ng		93
19) n-Nitroso-di-n-propyla...	8.505	70	357921	37.757	ng		93
20) 3+4-Methylphenols	8.475	107	510276	41.905	ng		97
22) Acetophenone	8.516	105	674592	41.802	ng	#	98
24) Nitrobenzene	8.893	77	551421	40.236	ng		95
25) Isophorone	9.422	82	987288	41.694	ng		96
26) 2-Nitrophenol	9.599	139	249369	49.999	ng		96
27) 2,4-Dimethylphenol	9.669	122	363355	43.506	ng		95
28) bis(2-Chloroethoxy)met...	9.905	93	516998	40.805	ng		99
29) 2,4-Dichlorophenol	10.134	162	392895	46.466	ng		96
30) 1,2,4-Trichlorobenzene	10.340	180	404792	44.551	ng		97
31) Naphthalene	10.528	128	1396726	42.715	ng		99
32) Benzoic acid	9.840	122	323354	50.047	ng		92
33) 4-Chloroaniline	10.646	127	567969	42.923	ng		96
34) Hexachlorobutadiene	10.804	225	248235	46.884	ng		99
35) Caprolactam	11.469	113	139116	45.628	ng	#	81
36) 4-Chloro-3-methylphenol	11.793	107	472628	43.994	ng		93
37) 2-Methylnaphthalene	12.146	142	953986	43.055	ng		99
38) 1-Methylnaphthalene	12.369	142	904660	42.963	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	407669	44.862	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	183843	38.145	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	297222	47.901	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	320101	46.606	ng	#	88
46) 1,1'-Biphenyl	13.169	154	1131781	43.066	ng		98
47) 2-Chloronaphthalene	13.210	162	878421	43.405	ng		96
48) 2-Nitroaniline	13.428	65	306438	42.906	ng		91
49) Acenaphthylene	14.057	152	1431410	43.865	ng		100
50) Dimethylphthalate	13.816	163	1094550	43.308	ng		99
51) 2,6-Dinitrotoluene	13.934	165	254522	45.132	ng	#	85
52) Acenaphthene	14.404	154	846471	42.622	ng		98
53) 3-Nitroaniline	14.263	138	278673	44.573	ng		86
54) 2,4-Dinitrophenol	14.475	184	139087	47.162	ng	#	83
55) Dibenzofuran	14.740	168	1336449	42.782	ng		94
56) 4-Nitrophenol	14.587	139	240580	44.316	ng		88
57) 2,4-Dinitrotoluene	14.728	165	351394	46.461	ng	#	81
58) Fluorene	15.398	166	1073584	42.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	263987	45.864	ng	#	74
60) Diethylphthalate	15.181	149	1174181	44.233	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	495071	43.783	ng	#	90
62) 4-Nitroaniline	15.434	138	278821m	42.028	ng		
63) Azobenzene	15.692	77	1262859	40.805	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	196151	46.565	ng		74
66) n-Nitrosodiphenylamine	15.616	169	932568	43.036	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	299666	45.302	ng	#	87
68) Hexachlorobenzene	16.398	284	336176	44.659	ng	#	89
69) Atrazine	16.581	200	286451	42.363	ng		96
70) Pentachlorophenol	16.751	266	218968	45.847	ng		98
71) Phenanthrene	17.145	178	1657981	42.636	ng		99
72) Anthracene	17.234	178	1640103	43.648	ng		99
73) Carbazole	17.516	167	1647073	42.974	ng		98
74) Di-n-butylphthalate	18.081	149	2023175	46.333	ng		100
75) Fluoranthene	19.128	202	1927603	44.164	ng		95
77) Benzidine	19.316	184	824417	47.702	ng		99
78) Pyrene	19.480	202	1991252	43.163	ng		98
80) Butylbenzylphthalate	20.369	149	988405	48.723	ng		92
81) Benzo(a)anthracene	21.198	228	1944325	43.076	ng		100
82) 3,3'-Dichlorobenzidine	21.139	252	565945	47.760	ng	#	98
83) Chrysene	21.251	228	1876723	42.888	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1431888	46.970	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2521626	50.185	ng		98
87) Indeno(1,2,3-cd)pyrene	25.921	276	2326682	43.836	ng	#	91
88) Benzo(b)fluoranthene	22.827	252	2079897	43.720	ng	#	97
89) Benzo(k)fluoranthene	22.874	252	1870412	40.950	ng	#	97
90) Benzo(a)pyrene	23.427	252	1866350	43.739	ng	#	96
91) Dibenzo(a,h)anthracene	25.939	278	1997482	43.527	ng	#	94
92) Benzo(g,h,i)perylene	26.657	276	1929698	43.881	ng	#	92

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

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