Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
Data File : BP005426.D
Acq On : 30 Apr 2021 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 13:02:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/3/2021 10:50:40 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	36644	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	125437	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	89525	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	205600	20.00	ng		0.00
76) Chrysene-d12	21.163	240	232241	20.00	ng	#	0.00
86) Perylene-d12	23.416	264	209298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	176154	84.10	ng		0.00
7) Phenol-d6	6.816	99	239210	81.60	ng		0.00
23) Nitrobenzene-d5	8.793	82	284269	80.32	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	142517	76.75	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	625129	83.36	ng		0.00
79) Terphenyl-d14	19.639	244	1187300	91.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	45692	39.29	ng	#	90
3) Pyridine	3.564	79	110843	42.43	ng	#	83
4) n-Nitrosodimethylamine	3.475	42	45232	40.88	ng	#	29
6) Aniline	6.963	93	130387	40.06	ng	#	81
8) 2-Chlorophenol	7.193	128	88361	40.64	ng		83
9) Benzaldehyde	6.781	77	62281	40.85	ng	#	70
10) Phenol	6.846	94	116988	40.03	ng	#	63
11) bis(2-Chloroethyl)ether	7.063	93	82989	41.23	ng		96
12) 1,3-Dichlorobenzene	7.510	146	105054	40.09	ng	#	86
13) 1,4-Dichlorobenzene	7.658	146	106571	40.04	ng		98
14) 1,2-Dichlorobenzene	7.969	146	103411	40.25	ng		96
15) Benzyl Alcohol	7.875	79	108459	40.35	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.157	45	35223	40.20	ng	#	47
17) 2-Methylphenol	8.081	107	74664	39.91	ng	#	80
18) Hexachloroethane	8.687	117	44931	41.02	ng		96
19) n-Nitroso-di-n-propyla...	8.440	70	92743	40.09	ng	#	81
20) 3+4-Methylphenols	8.416	107	100187	39.15	ng		88
22) Acetophenone	8.452	105	153316	40.61	ng	#	98
24) Nitrobenzene	8.834	77	144761	40.03	ng	#	90
25) Isophorone	9.357	82	227609	39.57	ng		95
26) 2-Nitrophenol	9.540	139	49644	41.45	ng	#	83
27) 2,4-Dimethylphenol	9.604	122	71097	39.52	ng	#	73
28) bis(2-Chloroethoxy)met...	9.840	93	98425	39.56	ng		98
29) 2,4-Dichlorophenol	10.075	162	96064	39.26	ng		94
30) 1,2,4-Trichlorobenzene	10.275	180	121966	39.31	ng		99
31) Naphthalene	10.463	128	263682	39.38	ng		99
32) Benzoic acid	9.799	122	56696	43.03	ng	#	64
33) 4-Chloroaniline	10.587	127	102300	38.08	ng	#	91
34) Hexachlorobutadiene	10.740	225	107275	39.76	ng		97
35) Caprolactam	11.399	113	25646	37.40	ng		93
36) 4-Chloro-3-methylphenol	11.728	107	101444	38.65	ng		94
37) 2-Methylnaphthalene	12.087	142	203563	39.13	ng		97
38) 1-Methylnaphthalene	12.310	142	192895	39.43	ng		98
40) 1,2,4,5-Tetrachloroben...	12.463	216	160483	41.07	ng		99
41) Hexachlorocyclopentadiene	12.428	237	53963	36.93	ng		95
43) 2,4,6-Trichlorophenol	12.716	196	99571	41.72	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	102337	40.12	ng		93
46) 1,1'-Biphenyl	13.116	154	272939	40.64	ng		98
47) 2-Chloronaphthalene	13.157	162	224593	40.88	ng		100
48) 2-Nitroaniline	13.381	65	76671	42.44	ng		94
49) Acenaphthylene	14.010	152	322547	39.69	ng		98
50) Dimethylphthalate	13.763	163	284941	39.25	ng		99
51) 2,6-Dinitrotoluene	13.887	165	62584	38.90	ng		92
52) Acenaphthene	14.357	154	201279	39.76	ng		94
53) 3-Nitroaniline	14.216	138	49984	38.74	ng		95
54) 2,4-Dinitrophenol	14.434	184	38827	37.63	ng	#	81
55) Dibenzofuran	14.692	168	363152	39.90	ng		95
56) 4-Nitrophenol	14.551	139	37908	38.44	ng		89
57) 2,4-Dinitrotoluene	14.687	165	90798	39.07	ng		92
58) Fluorene	15.351	166	298635	39.62	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	99617m	39.45	ng		
60) Diethylphthalate	15.134	149	278016	39.00	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	187465	39.68	ng		99
62) 4-Nitroaniline	15.392	138	48320	40.38	ng		93
63) Azobenzene	15.639	77	343978	39.53	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	63946	41.21	ng		95
66) n-Nitrosodiphenylamine	15.569	169	249713	41.97	ng	#	94
67) 4-Bromophenyl-phenylether	16.245	248	120159	41.71	ng		95
68) Hexachlorobenzene	16.357	284	135203	40.79	ng	#	89
69) Atrazine	16.534	200	108134	40.19	ng		99
70) Pentachlorophenol	16.710	266	75940	42.48	ng		97
71) Phenanthrene	17.098	178	454220	40.67	ng		99
72) Anthracene	17.192	178	451982	40.29	ng		97
73) Carbazole	17.475	167	396034	39.79	ng		98
74) Di-n-butylphthalate	18.028	149	442196	40.58	ng		97
75) Fluoranthene	19.086	202	596017	38.73	ng		99
77) Benzidine	19.275	184	146638	36.92	ng		99
78) Pyrene	19.439	202	603730	45.51	ng		100
80) Butylbenzylphthalate	20.316	149	191711	45.07	ng		85
81) Benzo(a)anthracene	21.151	228	606930	40.29	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	200201	38.67	ng		96
83) Chrysene	21.198	228	591881	40.31	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	281502	42.58	ng		97
85) Di-n-octyl phthalate	21.951	149	444691	39.61	ng		99
87) Indeno(1,2,3-cd)pyrene	25.727	276	637569	37.86	ng		98
88) Benzo(b)fluoranthene	22.733	252	577232	41.42	ng		98
89) Benzo(k)fluoranthene	22.780	252	547388	41.11	ng	#	98
90) Benzo(a)pyrene	23.321	252	520541	40.97	ng	#	98
91) Dibenzo(a,h)anthracene	25.733	278	556325	37.95	ng		99
92) Benzo(g,h,i)perylene	26.427	276	514767	37.82	ng	#	97

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

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