Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007285.D
Acq On : 01 Oct 2021 11:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 12:52:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/4/2021 11:52:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	199093	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	739918	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	455611	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	923474	20.00	ng		# 0.00
76) Chrysene-d12	21.339	240	933073	20.00	ng		# 0.00
86) Perylene-d12	23.745	264	979516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	954958	80.29	ng		0.00
7) Phenol-d6	7.051	99	1263656	77.74	ng		0.00
23) Nitrobenzene-d5	9.028	82	1041982	82.01	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	466340	78.95	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2527136	79.46	ng		0.00
79) Terphenyl-d14	19.810	244	3823467	78.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	201089	41.81	ng	#	88
3) Pyridine	3.752	79	539552	40.99	ng	#	86
4) n-Nitrosodimethylamine	3.657	42	201645	44.69	ng	#	87
6) Aniline	7.198	93	687351	38.36	ng		98
8) 2-Chlorophenol	7.434	128	504879	39.06	ng		98
9) Benzaldehyde	7.010	77	334663m	36.55	ng		
10) Phenol	7.075	94	600978	38.35	ng		93
11) bis(2-Chloroethyl)ether	7.293	93	466249	37.69	ng		95
12) 1,3-Dichlorobenzene	7.751	146	563051	38.62	ng		97
13) 1,4-Dichlorobenzene	7.898	146	571882	38.47	ng		98
14) 1,2-Dichlorobenzene	8.216	146	550939	38.25	ng		97
15) Benzyl Alcohol	8.116	79	409393	39.32	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.398	45	529646	37.39	ng		89
17) 2-Methylphenol	8.322	107	401569	38.01	ng		94
18) Hexachloroethane	8.940	117	194378	38.95	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	324062	36.65	ng		99
20) 3+4-Methylphenols	8.651	107	552797	37.84	ng		94
22) Acetophenone	8.693	105	712495	39.96	ng	#	98
24) Nitrobenzene	9.075	77	495206	40.88	ng		96
25) Isophorone	9.604	82	878194	39.64	ng		98
26) 2-Nitrophenol	9.781	139	265947	42.10	ng	#	92
27) 2,4-Dimethylphenol	9.851	122	393698	39.59	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	595951	38.13	ng		99
29) 2,4-Dichlorophenol	10.322	162	460719	39.71	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	517866	39.18	ng		97
31) Naphthalene	10.716	128	1476229	39.09	ng		99
32) Benzoic acid	10.022	122	314817	41.18	ng		96
33) 4-Chloroaniline	10.834	127	610711	39.15	ng		99
34) Hexachlorobutadiene	10.998	225	316199	39.96	ng		99
35) Caprolactam	11.639	113	144864	40.59	ng	#	74
36) 4-Chloro-3-methylphenol	11.969	107	460127	39.02	ng		98
37) 2-Methylnaphthalene	12.328	142	1010822	38.23	ng		96
38) 1-Methylnaphthalene	12.545	142	976930	37.81	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	555350	39.80	ng		99
41) Hexachlorocyclopentadiene	12.669	237	318058	41.13	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	384011	40.34	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	409458	39.94	ng		97
46) 1,1'-Biphenyl	13.339	154	1328504	39.20	ng		99
47) 2-Chloronaphthalene	13.380	162	1033623	39.37	ng		97
48) 2-Nitroaniline	13.586	65	281721	44.02	ng		99
49) Acenaphthylene	14.222	152	1605707	39.71	ng		100
50) Dimethylphthalate	13.963	163	1279954	39.06	ng		100
51) 2,6-Dinitrotoluene	14.080	165	270302	40.38	ng		98
52) Acenaphthene	14.563	154	952323	38.87	ng		99
53) 3-Nitroaniline	14.416	138	299939	41.44	ng		99
54) 2,4-Dinitrophenol	14.627	184	148849	38.60	ng		95
55) Dibenzofuran	14.898	168	1591198	38.93	ng		96
56) 4-Nitrophenol	14.739	139	229152	39.00	ng		89
57) 2,4-Dinitrotoluene	14.875	165	366505	41.49	ng		97
58) Fluorene	15.551	166	1245562	39.45	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	347243m	38.57	ng		
60) Diethylphthalate	15.322	149	1250633	39.39	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	649167	38.91	ng		92
62) 4-Nitroaniline	15.580	138	309941	42.58	ng	#	84
63) Azobenzene	15.839	77	1117843	40.63	ng		94
65) 4,6-Dinitro-2-methylph...	15.639	198	226459	40.86	ng		93
66) n-Nitrosodiphenylamine	15.763	169	1093795	39.81	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	395385	39.06	ng		96
68) Hexachlorobenzene	16.557	284	436599	39.03	ng		99
69) Atrazine	16.721	200	380437	39.28	ng		97
70) Pentachlorophenol	16.910	266	238063	34.27	ng		98
71) Phenanthrene	17.298	178	1954736	39.48	ng		99
72) Anthracene	17.386	178	1927860	39.80	ng		100
73) Carbazole	17.663	167	1908729	40.21	ng		99
74) Di-n-butylphthalate	18.210	149	2119761	40.30	ng		99
75) Fluoranthene	19.263	202	2271466	39.82	ng		98
77) Benzidine	19.445	184	999528	34.86	ng		100
78) Pyrene	19.615	202	2370185	38.72	ng		99
80) Butylbenzylphthalate	20.486	149	991412	40.44	ng		98
81) Benzo(a)anthracene	21.327	228	2373404	39.19	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	844621	40.61	ng		98
83) Chrysene	21.380	228	2256719	38.99	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	1408720	39.97	ng	#	99
85) Di-n-octyl phthalate	22.168	149	2462158	41.03	ng		99
87) Indeno(1,2,3-cd)pyrene	26.268	276	2826505	40.15	ng	#	95
88) Benzo(b)fluoranthene	23.009	252	2284179	39.02	ng		99
89) Benzo(k)fluoranthene	23.056	252	2312145	39.01	ng	#	98
90) Benzo(a)pyrene	23.639	252	1973289	39.68	ng	#	98
91) Dibenzo(a,h)anthracene	26.280	278	2344374	39.74	ng	#	97
92) Benzo(g,h,i)perylene	27.044	276	2283169	39.66	ng	#	95

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

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