Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007371.D
Acq On : 08 Oct 2021 11:56
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 14:02:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 13:59:37 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	181480	20.00	ng		0.00
21) Naphthalene-d8	10.581	136	753867	20.00	ng		# 0.00
39) Acenaphthene-d10	14.428	164	507916	20.00	ng		0.00
64) Phenanthrene-d10	17.186	188	1063059	20.00	ng		0.00
76) Chrysene-d12	21.280	240	1069288	20.00	ng		# 0.00
86) Perylene-d12	23.639	264	1083950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	821995	75.82	ng		0.00
7) Phenol-d6	6.963	99	1171136	79.04	ng		0.00
23) Nitrobenzene-d5	8.952	82	1032227	79.74	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	566940	86.10	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2762098	77.91	ng		0.00
79) Terphenyl-d14	19.751	244	4481611	80.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	155304	35.42	ng		89
3) Pyridine	3.640	79	459998	38.34	ng	#	88
4) n-Nitrosodimethylamine	3.552	42	169889	41.31	ng	#	83
6) Aniline	7.110	93	659546	40.38	ng		99
8) 2-Chlorophenol	7.346	128	465009	39.47	ng		99
9) Benzaldehyde	6.928	77	312753m	37.47	ng		
10) Phenol	6.993	94	563317	39.43	ng		91
11) bis(2-Chloroethyl)ether	7.216	93	450139	39.92	ng		97
12) 1,3-Dichlorobenzene	7.669	146	514247	38.69	ng		97
13) 1,4-Dichlorobenzene	7.816	146	520835	38.44	ng		98
14) 1,2-Dichlorobenzene	8.134	146	511248	38.94	ng		97
15) Benzyl Alcohol	8.034	79	399556	42.10	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.316	45	525202	40.68	ng		89
17) 2-Methylphenol	8.240	107	396076	41.13	ng		94
18) Hexachloroethane	8.852	117	179655	39.49	ng		95
19) n-Nitroso-di-n-propyla...	8.599	70	341213	42.34	ng		99
20) 3+4-Methylphenols	8.569	107	555723	41.73	ng		94
22) Acetophenone	8.616	105	720763	39.68	ng		99
24) Nitrobenzene	8.993	77	495378	40.14	ng		97
25) Isophorone	9.522	82	946905	41.95	ng		98
26) 2-Nitrophenol	9.699	139	276877	43.02	ng		91
27) 2,4-Dimethylphenol	9.769	122	408685	40.33	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	639597	40.16	ng		99
29) 2,4-Dichlorophenol	10.240	162	481558	40.74	ng		99
30) 1,2,4-Trichlorobenzene	10.446	180	524523	38.95	ng		99
31) Naphthalene	10.634	128	1500539	39.00	ng		99
32) Benzoic acid	9.963	122	357146	45.86	ng		94
33) 4-Chloroaniline	10.751	127	649492	40.86	ng		99
34) Hexachlorobutadiene	10.910	225	323375	40.11	ng		99
35) Caprolactam	11.569	113	164542	45.25	ng	#	73
36) 4-Chloro-3-methylphenol	11.893	107	504589	42.00	ng		96
37) 2-Methylnaphthalene	12.246	142	1084063	40.24	ng		96
38) 1-Methylnaphthalene	12.469	142	1051556	39.95	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	604683	38.88	ng		98
41) Hexachlorocyclopentadiene	12.593	237	207764	24.10	ng		97
43) 2,4,6-Trichlorophenol	12.869	196	427903	40.32	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	463543	40.56	ng		96
46) 1,1'-Biphenyl	13.263	154	1453238	38.47	ng		100
47) 2-Chloronaphthalene	13.304	162	1132436	38.70	ng		98
48) 2-Nitroaniline	13.516	65	314157	44.03	ng		93
49) Acenaphthylene	14.151	152	1799768	39.93	ng		100
50) Dimethylphthalate	13.898	163	1474395	40.36	ng		100
51) 2,6-Dinitrotoluene	14.016	165	313681	42.04	ng		94
52) Acenaphthene	14.492	154	1073715	39.32	ng		100
53) 3-Nitroaniline	14.345	138	342996	42.51	ng		99
54) 2,4-Dinitrophenol	14.563	184	189351	44.05	ng		94
55) Dibenzofuran	14.828	168	1786884	39.22	ng		96
56) 4-Nitrophenol	14.669	139	269088	41.08	ng	#	87
57) 2,4-Dinitrotoluene	14.810	165	428849	43.55	ng		95
58) Fluorene	15.481	166	1398937	39.74	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	403710	40.23	ng		96
60) Diethylphthalate	15.257	149	1467272	41.45	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	751516	40.40	ng		91
62) 4-Nitroaniline	15.516	138	356960	43.99	ng	#	83
63) Azobenzene	15.769	77	1283893	41.86	ng		95
65) 4,6-Dinitro-2-methylph...	15.581	198	283250	44.40	ng		98
66) n-Nitrosodiphenylamine	15.692	169	1255500	39.69	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	471370	40.46	ng		95
68) Hexachlorobenzene	16.486	284	513046	39.84	ng		98
69) Atrazine	16.657	200	455537	40.86	ng		98
70) Pentachlorophenol	16.839	266	305065	38.15	ng		99
71) Phenanthrene	17.228	178	2238655	39.27	ng		99
72) Anthracene	17.316	178	2215817	39.74	ng		99
73) Carbazole	17.592	167	2179817	39.89	ng		98
74) Di-n-butylphthalate	18.145	149	2545828	42.04	ng		98
75) Fluoranthene	19.198	202	2657053	40.46	ng		98
77) Benzidine	19.386	184	1210951	36.85	ng		99
78) Pyrene	19.551	202	2718188	38.75	ng		98
80) Butylbenzylphthalate	20.427	149	1182649	42.09	ng		96
81) Benzo(a)anthracene	21.263	228	2756937	39.72	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	986853	41.40	ng		98
83) Chrysene	21.316	228	2592577	39.08	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	1695695	41.98	ng		98
85) Di-n-octyl phthalate	22.098	149	2942897	42.79	ng		100
87) Indeno(1,2,3-cd)pyrene	26.115	276	2922810	37.52	ng	#	96
88) Benzo(b)fluoranthene	22.921	252	2648468	40.88	ng		99
89) Benzo(k)fluoranthene	22.968	252	2553345	38.93	ng	#	99
90) Benzo(a)pyrene	23.533	252	2178967	39.59	ng	#	97
91) Dibenzo(a,h)anthracene	26.127	278	2445302	37.46	ng	#	97
92) Benzo(g,h,i)perylene	26.868	276	2310482	36.27	ng	#	95

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

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