Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007122.D
Acq On : 23 Sep 2021 12:46
Operator : CG/JU
Sample : M3824-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 13:14:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
TP-BMS

Manual Integrations APPROVED
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9/24/2021 5:30:56 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	304328	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	1165085	20.000	ng	#	0.00
39) Acenaphthene-d10	14.522	164	714452	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1455569	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	1415378	20.000	ng	#	0.00
86) Perylene-d12	23.763	264	1517302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2022827	111.265	ng		0.00
7) Phenol-d6	7.063	99	2527498	101.718	ng		0.00
23) Nitrobenzene-d5	9.057	82	1434388	71.697	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1133818	122.409	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3637670	72.943	ng		0.00
79) Terphenyl-d14	19.828	244	5976887	80.920	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	287356	39.085	ng	#	88
3) Pyridine	3.764	79	773076	38.426	ng	#	87
4) n-Nitrosodimethylamine	3.670	42	301673	43.740	ng	#	76
6) Aniline	7.222	93	591643	21.601	ng		98
8) 2-Chlorophenol	7.458	128	896415	45.368	ng		99
9) Benzaldehyde	7.034	77	548691m	39.201	ng		
10) Phenol	7.093	94	1080388	45.098	ng		89
11) bis(2-Chloroethyl)ether	7.316	93	800559	42.335	ng		95
12) 1,3-Dichlorobenzene	7.781	146	965984	43.342	ng		97
13) 1,4-Dichlorobenzene	7.928	146	988770	43.517	ng		98
14) 1,2-Dichlorobenzene	8.246	146	944767	42.909	ng		97
15) Benzyl Alcohol	8.134	79	703517	44.206	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.422	45	898711	41.506	ng		90
17) 2-Methylphenol	8.340	107	719204	44.533	ng		93
18) Hexachloroethane	8.975	117	338512	44.375	ng		92
19) n-Nitroso-di-n-propyla...	8.705	70	542112	40.113	ng		97
20) 3+4-Methylphenols	8.669	107	961582	43.061	ng		95
22) Acetophenone	8.722	105	1200249	42.754	ng		98
24) Nitrobenzene	9.099	77	854013	44.773	ng		95
25) Isophorone	9.628	82	1510921	43.311	ng		98
26) 2-Nitrophenol	9.810	139	472040	47.460	ng	#	87
27) 2,4-Dimethylphenol	9.869	122	791750	50.558	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	1008527	40.977	ng		99
29) 2,4-Dichlorophenol	10.346	162	835464	45.733	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	895219	43.016	ng		99
31) Naphthalene	10.746	128	2557542	43.012	ng		99
32) Benzoic acid	10.022	122	613403	50.963	ng		94
33) 4-Chloroaniline	10.857	127	227066	9.243	ng		100
34) Hexachlorobutadiene	11.034	225	538335	43.202	ng		99
35) Caprolactam	11.651	113	261978m	46.615	ng		
36) 4-Chloro-3-methylphenol	11.981	107	814598	43.869	ng		96
37) 2-Methylnaphthalene	12.351	142	1853746	44.523	ng		95
38) 1-Methylnaphthalene	12.575	142	1712119	42.086	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.722	216	972062	44.429	ng		99
41) Hexachlorocyclopentadiene	12.698	237	1094365	90.249	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	668299	44.765	ng		99

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44) 2,4,5-Trichlorophenol	13.028	196	727418	45.248	ng		95
46) 1,1'-Biphenyl	13.363	154	2243995	42.226	ng		100
47) 2-Chloronaphthalene	13.404	162	1798586	43.691	ng		97
48) 2-Nitroaniline	13.604	65	469153	46.744	ng		92
49) Acenaphthylene	14.245	152	2865476	45.194	ng		100
50) Dimethylphthalate	13.987	163	2196106	42.738	ng		100
51) 2,6-Dinitrotoluene	14.104	165	493230	46.990	ng		87
52) Acenaphthene	14.587	154	1691867	44.043	ng		99
53) 3-Nitroaniline	14.428	138	197247	17.380	ng		97
54) 2,4-Dinitrophenol	14.640	184	572854	94.742	ng		89
55) Dibenzofuran	14.922	168	2700684	42.138	ng		95
56) 4-Nitrophenol	14.740	139	918445	99.682	ng	#	80
57) 2,4-Dinitrotoluene	14.887	165	675513	48.769	ng		93
58) Fluorene	15.575	166	2143917	43.300	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	623272	44.151	ng		96
60) Diethylphthalate	15.345	149	2152269	43.225	ng		98
61) 4-Chlorophenyl-phenyle...	15.563	204	1097859	41.960	ng		93
62) 4-Nitroaniline	15.592	138	488014	42.756	ng	#	80
63) Azobenzene	15.857	77	1845662	42.776	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	359924	41.205	ng		98
66) n-Nitrosodiphenylamine	15.781	169	1908690	44.071	ng		100
67) 4-Bromophenyl-phenylether	16.463	248	692006	43.378	ng		93
68) Hexachlorobenzene	16.581	284	782012	44.355	ng		95
69) Atrazine	16.739	200	705320	46.202	ng		97
70) Pentachlorophenol	16.922	266	1069812	97.706	ng		99
71) Phenanthrene	17.316	178	3458217	44.310	ng		99
72) Anthracene	17.404	178	3507062	45.935	ng		99
73) Carbazole	17.675	167	3199490	42.765	ng		99
74) Di-n-butylphthalate	18.228	149	3770070	45.471	ng		98
75) Fluoranthene	19.280	202	4153183	46.188	ng		97
77) Benzidine	19.457	184	1739969	40.002	ng		99
78) Pyrene	19.633	202	4258262	45.856	ng		99
80) Butylbenzylphthalate	20.504	149	1709629	45.972	ng		96
81) Benzo(a)anthracene	21.339	228	4029539	43.861	ng		98
82) 3,3'-Dichlorobenzidine	21.275	252	1119185	35.472	ng		98
83) Chrysene	21.392	228	3864959	44.017	ng		98
84) Bis(2-ethylhexyl)phtha...	21.269	149	2435283	45.549	ng		98
85) Di-n-octyl phthalate	22.192	149	4225816	46.424	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	4939971	45.304	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	4344162m	47.908	ng		
89) Benzo(k)fluoranthene	23.080	252	3905114	42.536	ng	#	98
90) Benzo(a)pyrene	23.663	252	4102739	53.256	ng	#	98
91) Dibenzo(a,h)anthracene	26.310	278	4125360	45.145	ng	#	96
92) Benzo(g,h,i)perylene	27.068	276	4151517	46.554	ng	#	95

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

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