Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006191.D
Acq On : 12 Jul 2021 20:47
Operator : CG/JU
Sample : M3006-01MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 13 04:17:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CL-02-070921MSD

Manual Integrations APPROVED
mohammad
7/13/2021 1:42:33 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	246653	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	986028	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	556321	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1013248	20.000	ng	#	0.00
76) Chrysene-d12	21.327	240	915454	20.000	ng	#	0.00
86) Perylene-d12	23.710	264	1034640	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	593371	41.393	ng		0.00
7) Phenol-d6	7.052	99	750120	39.561	ng		0.00
23) Nitrobenzene-d5	9.028	82	422806	27.085	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	265065	40.020	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1014884	26.969	ng		0.00
79) Terphenyl-d14	19.798	244	1225896	26.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	96962	17.239	ng		92
3) Pyridine	3.728	79	258228	18.069	ng	#	88
4) n-Nitrosodimethylamine	3.628	42	134927	24.004	ng	#	89
6) Aniline	7.193	93	525861	26.285	ng		97
8) 2-Chlorophenol	7.434	128	443554	26.419	ng		97
9) Benzaldehyde	7.010	77	211667m	20.454	ng		
10) Phenol	7.081	94	489413	26.875	ng		92
11) bis(2-Chloroethyl)ether	7.287	93	361893	26.299	ng		99
12) 1,3-Dichlorobenzene	7.746	146	458592m	25.492	ng		
13) 1,4-Dichlorobenzene	7.899	146	466454	25.389	ng		98
14) 1,2-Dichlorobenzene	8.210	146	450230	25.741	ng		98
15) Benzyl Alcohol	8.116	79	333221	29.069	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.399	45	418178	25.588	ng		90
17) 2-Methylphenol	8.328	107	344811	27.834	ng		94
18) Hexachloroethane	8.934	117	147421	24.103	ng		94
19) n-Nitroso-di-n-propyla...	8.675	70	262187	25.364	ng		97
20) 3+4-Methylphenols	8.663	107	458938	27.421	ng		96
22) Acetophenone	8.693	105	579921	25.840	ng		98
24) Nitrobenzene	9.075	77	391844	24.820	ng		92
25) Isophorone	9.604	82	714075	24.097	ng		96
26) 2-Nitrophenol	9.787	139	208118	23.713	ng	#	84
27) 2,4-Dimethylphenol	9.857	122	397449	30.677	ng		96
28) bis(2-Chloroethoxy)met...	10.081	93	459538	27.982	ng		99
29) 2,4-Dichlorophenol	10.340	162	385233	27.062	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	391725	25.846	ng		97
31) Naphthalene	10.710	128	1293161	25.158	ng		99
32) Benzoic acid	10.051	122	263395	29.824	ng		91
33) 4-Chloroaniline	10.840	127	476745	24.027	ng		98
34) Hexachlorobutadiene	10.987	225	211148	25.303	ng		97
35) Caprolactam	11.657	113	122559	27.312	ng		91
36) 4-Chloro-3-methylphenol	11.981	107	403678	26.261	ng		99
37) 2-Methylnaphthalene	12.328	142	914132	25.632	ng		97
38) 1-Methylnaphthalene	12.545	142	842160	24.951	ng		97
40) 1,2,4,5-Tetrachloroben...	12.698	216	372752	27.011	ng		97
41) Hexachlorocyclopentadiene	12.663	237	32237	23.092	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	268443	26.887	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	286788	26.774	ng	#	94
46) 1,1'-Biphenyl	13.334	154	1084177	25.958	ng		99
47) 2-Chloronaphthalene	13.381	162	846098	26.333	ng		98
48) 2-Nitroaniline	13.598	65	228595	28.631	ng		87
49) Acenaphthylene	14.222	152	1376260	26.601	ng		99
50) Dimethylphthalate	13.963	163	1007543	25.186	ng		99
51) 2,6-Dinitrotoluene	14.087	165	216781	24.036	ng		96
52) Acenaphthene	14.563	154	810403	25.750	ng		99
53) 3-Nitroaniline	14.428	138	246364	26.962	ng		93
54) 2,4-Dinitrophenol	14.675	184	24015m	13.386	ng		
55) Dibenzofuran	14.898	168	1237901	25.267	ng		98
56) 4-Nitrophenol	14.775	139	344779	51.728	ng	#	80
57) 2,4-Dinitrotoluene	14.887	165	293910	24.196	ng		96
58) Fluorene	15.545	166	1021928	25.964	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	223995	26.725	ng	#	79
60) Diethylphthalate	15.316	149	1067407	26.018	ng		98
61) 4-Chlorophenyl-phenyle...	15.539	204	439534	25.473	ng		93
62) 4-Nitroaniline	15.592	138	234761	26.558	ng	#	83
63) Azobenzene	15.834	77	857267	25.029	ng		95
65) 4,6-Dinitro-2-methylph...	15.663	198	20532	7.237	ng		79
66) n-Nitrosodiphenylamine	15.757	169	852700	25.845	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	261904	26.220	ng	#	91
68) Hexachlorobenzene	16.557	284	306590	25.858	ng		94
69) Atrazine	16.716	200	268127	25.886	ng		94
70) Pentachlorophenol	16.910	266	325363	59.458	ng		97
71) Phenanthrene	17.292	178	1614510	28.214	ng		100
72) Anthracene	17.380	178	1573032	28.060	ng		99
73) Carbazole	17.663	167	1416620	25.501	ng		99
74) Di-n-butylphthalate	18.198	149	1844748	27.588	ng		99
75) Fluoranthene	19.257	202	1804942	28.779	ng		96
77) Benzidine	19.439	184	1002824	36.943	ng		99
78) Pyrene	19.610	202	1822488	29.454	ng		99
80) Butylbenzylphthalate	20.469	149	829185	27.016	ng		94
81) Benzo(a)anthracene	21.310	228	1630861	28.167	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	565901	33.317	ng	#	98
83) Chrysene	21.363	228	1544473	26.992	ng		99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1260707	27.829	ng	#	98
85) Di-n-octyl phthalate	22.133	149	2238327	28.054	ng		100
87) Indeno(1,2,3-cd)pyrene	26.227	276	2076825	27.226	ng	#	89
88) Benzo(b)fluoranthene	22.986	252	1841167	29.336	ng	#	96
89) Benzo(k)fluoranthene	23.033	252	1604661	26.158	ng	#	96
90) Benzo(a)pyrene	23.610	252	1733983	29.442	ng	#	95
91) Dibenzo(a,h)anthracene	26.233	278	1721595	26.211	ng	#	92
92) Benzo(g,h,i)perylene	26.998	276	1770116	27.383	ng	#	90

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

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