Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061221\
Data File : BM030419.D
Acq On : 12 Jun 2021 17:45
Operator : CG/JU
Sample : M2673-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 17-B6(92-96)MSD

Quant Time: Jun 14 01:00:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	173372	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	665293	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	400881	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	798193	20.000	ng		0.00
76) Chrysene-d12	21.356	240	904758	20.000	ng		0.00
86) Perylene-d12	23.633	264	1040716	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	859525	80.595	ng		0.00
7) Phenol-d6	6.998	99	1070311	69.327	ng		0.00
23) Nitrobenzene-d5	8.986	82	628243	46.005	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	380588	75.511	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1451673	47.621	ng		0.00
79) Terphenyl-d14	19.803	244	2167098	42.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	131952	28.621	ng		90
3) Pyridine	3.740	79	287562	24.434	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	177374	29.689	ng	#	85
6) Aniline	7.163	93	412225	23.398	ng		95
8) 2-Chlorophenol	7.398	128	385436	30.793	ng		99
9) Benzaldehyde	6.975	77	260688	40.427	ng		94
10) Phenol	7.022	94	472592	30.301	ng		93
11) bis(2-Chloroethyl)ether	7.257	93	363352	29.568	ng		95
12) 1,3-Dichlorobenzene	7.722	146	432488	31.361	ng		98
13) 1,4-Dichlorobenzene	7.869	146	440759	31.363	ng		99
14) 1,2-Dichlorobenzene	8.186	146	419375	30.676	ng		99
15) Benzyl Alcohol	8.069	79	305004	28.151	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.363	45	522336	26.416	ng		91
17) 2-Methylphenol	8.269	107	305030	30.180	ng		95
18) Hexachloroethane	8.910	117	156310	30.946	ng		97
19) n-Nitroso-di-n-propyla...	8.633	70	261617	25.522	ng		97
20) 3+4-Methylphenols	8.592	107	397665	28.919	ng		94
22) Acetophenone	8.651	105	538037	30.269	ng	#	99
24) Nitrobenzene	9.028	77	399958	28.076	ng		97
25) Isophorone	9.551	82	648540	24.779	ng		99
26) 2-Nitrophenol	9.739	139	186647	31.141	ng		92
27) 2,4-Dimethylphenol	9.792	122	333984	32.966	ng		97
28) bis(2-Chloroethoxy)met...	10.033	93	446389	29.996	ng		99
29) 2,4-Dichlorophenol	10.269	162	345819	30.449	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	404028	31.166	ng		100
31) Naphthalene	10.675	128	1119279	28.881	ng		99
32) Benzoic acid	9.904	122	138167	20.727	ng		94
33) 4-Chloroaniline	10.780	127	197375	12.514	ng		97
34) Hexachlorobutadiene	10.957	225	241498	31.207	ng		97
35) Caprolactam	11.563	113	91408	26.429	ng	#	82
36) 4-Chloro-3-methylphenol	11.898	107	331060	27.828	ng		99
37) 2-Methylnaphthalene	12.280	142	801037	28.171	ng		98
38) 1-Methylnaphthalene	12.498	142	734184	27.108	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	440134	34.062	ng		98
41) Hexachlorocyclopentadiene	12.633	237	582835	82.265	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	281817	32.261	ng		98

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44) 2,4,5-Trichlorophenol	12.957	196	305218	31.853	ng		99
46) 1,1'-Biphenyl	13.292	154	978039	30.127	ng		98
47) 2-Chloronaphthalene	13.333	162	793441	30.237	ng		99
48) 2-Nitroaniline	13.533	65	200531	26.999	ng		98
49) Acenaphthylene	14.180	152	1200586	29.866	ng		99
50) Dimethylphthalate	13.915	163	934945	29.305	ng		100
51) 2,6-Dinitrotoluene	14.033	165	201349	28.630	ng		91
52) Acenaphthene	14.521	154	730953	28.467	ng		99
53) 3-Nitroaniline	14.357	138	124346	18.497	ng		98
54) 2,4-Dinitrophenol	14.563	184	181754	45.995	ng		89
55) Dibenzofuran	14.857	168	1157536	28.332	ng		98
56) 4-Nitrophenol	14.663	139	359381	60.179	ng		91
57) 2,4-Dinitrotoluene	14.815	165	271987	28.647	ng		98
58) Fluorene	15.504	166	954697	28.324	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	261509	31.533	ng	#	95
60) Diethylphthalate	15.274	149	897079	28.128	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	487027	29.318	ng		97
62) 4-Nitroaniline	15.521	138	199609	26.344	ng		87
63) Azobenzene	15.786	77	822490	25.533	ng		97
65) 4,6-Dinitro-2-methylph...	15.574	198	137841	28.645	ng		93
66) n-Nitrosodiphenylamine	15.709	169	814030	29.326	ng		99
67) 4-Bromophenyl-phenylether	16.386	248	281640	30.278	ng		97
68) Hexachlorobenzene	16.504	284	329589	31.249	ng		97
69) Atrazine	16.656	200	275361	37.040	ng		96
70) Pentachlorophenol	16.845	266	429735	69.613	ng		98
71) Phenanthrene	17.233	178	1473512	29.338	ng		100
72) Anthracene	17.327	178	1499820	30.755	ng		100
73) Carbazole	17.592	167	1339508	28.803	ng		100
74) Di-n-butylphthalate	18.156	149	1465426	30.224	ng		99
75) Fluoranthene	19.245	202	1749945	30.695	ng		99
77) Benzidine	19.427	184	1226620	76.624	ng		98
78) Pyrene	19.603	202	1837415	26.801	ng		99
80) Butylbenzylphthalate	20.497	149	672992	25.876	ng		95
81) Benzo(a)anthracene	21.344	228	1934522	29.378	ng		100
82) 3,3'-Dichlorobenzidine	21.274	252	475827	23.870	ng		98
83) Chrysene	21.391	228	1900513	29.698	ng		99
84) Bis(2-ethylhexyl)phtha...	21.268	149	981778	25.208	ng		98
85) Di-n-octyl phthalate	22.156	149	1712366	27.922	ng		100
87) Indeno(1,2,3-cd)pyrene	25.950	276	2739909	34.613	ng		99
88) Benzo(b)fluoranthene	22.944	252	2187374	27.770	ng		99
89) Benzo(k)fluoranthene	22.991	252	2148894	27.933	ng		99
90) Benzo(a)pyrene	23.533	252	2166226	31.100	ng		99
91) Dibenzo(a,h)anthracene	25.956	278	2328182	34.113	ng		99
92) Benzo(g,h,i)perylene	26.656	276	2295921	35.367	ng		98

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

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