Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031021.D
Acq On : 20 Jul 2021 13:20
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM072021

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:17 AM

Quant Time: Jul 20 13:52:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	71133	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	318257	20.000	ng		0.00
39) Acenaphthene-d10	14.269	164	232322	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	533573	20.000	ng		0.00
76) Chrysene-d12	21.209	240	610580	20.000	ng		0.00
86) Perylene-d12	23.391	264	627819	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	327173	82.592	ng		0.00
7) Phenol-d6	6.822	99	484272	84.332	ng		0.00
23) Nitrobenzene-d5	8.787	82	527981	83.296	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	256339	84.497	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1273552	81.792	ng		0.00
79) Terphenyl-d14	19.656	244	2574341	83.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	64059	40.244	ng		95
3) Pyridine	3.622	79	188902	41.951	ng	#	88
4) n-Nitrosodimethylamine	3.540	42	104423	40.801	ng		92
6) Aniline	6.981	93	258555	41.938	ng		100
8) 2-Chlorophenol	7.210	128	195716	41.974	ng		98
9) Benzaldehyde	6.793	77	142428m	41.625	ng		
10) Phenol	6.846	94	234726	42.190	ng		94
11) bis(2-Chloroethyl)ether	7.081	93	172239	41.820	ng		97
12) 1,3-Dichlorobenzene	7.528	146	205849	40.600	ng		96
13) 1,4-Dichlorobenzene	7.675	146	212245	41.133	ng		97
14) 1,2-Dichlorobenzene	7.987	146	205579	40.788	ng		96
15) Benzyl Alcohol	7.881	79	205779	42.567	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	217552	42.221	ng		100
17) 2-Methylphenol	8.081	107	168141	43.199	ng		93
18) Hexachloroethane	8.704	117	82771	41.558	ng		95
19) n-Nitroso-di-n-propyla...	8.445	70	170636	42.074	ng		98
20) 3+4-Methylphenols	8.410	107	235522	42.791	ng		97
22) Acetophenone	8.457	105	321020	40.747	ng	#	96
24) Nitrobenzene	8.828	77	260775	40.743	ng		99
25) Isophorone	9.351	82	471445	41.594	ng		99
26) 2-Nitrophenol	9.534	139	116487	43.222	ng		92
27) 2,4-Dimethylphenol	9.598	122	177991	41.918	ng		93
28) bis(2-Chloroethoxy)met...	9.839	93	237324	41.528	ng		99
29) 2,4-Dichlorophenol	10.057	162	210133	41.837	ng		96
30) 1,2,4-Trichlorobenzene	10.269	180	222687	40.377	ng		98
31) Naphthalene	10.457	128	672623	41.076	ng		99
32) Benzoic acid	9.745	122	155143	42.882	ng		96
33) 4-Chloroaniline	10.569	127	294425	41.677	ng		98
34) Hexachlorobutadiene	10.739	225	142069	40.115	ng		96
35) Caprolactam	11.363	113	72420	42.892	ng		89
36) 4-Chloro-3-methylphenol	11.698	107	245278	42.793	ng		95
37) 2-Methylnaphthalene	12.075	142	516713	40.937	ng		97
38) 1-Methylnaphthalene	12.292	142	491136	40.863	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.445	216	262818	40.604	ng		99
41) Hexachlorocyclopentadiene	12.427	237	145495	40.406	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	190790	41.961	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	213249	42.360	ng	#	91
46) 1,1'-Biphenyl	13.104	154	668840	40.602	ng		100
47) 2-Chloronaphthalene	13.139	162	533719	41.365	ng		95
48) 2-Nitroaniline	13.351	65	178779	43.481	ng		93
49) Acenaphthylene	13.992	152	852414	41.331	ng		100
50) Dimethylphthalate	13.745	163	715406	41.055	ng		99
51) 2,6-Dinitrotoluene	13.857	165	165915	42.506	ng	#	85
52) Acenaphthene	14.339	154	531550	40.956	ng		100
53) 3-Nitroaniline	14.186	138	169929	43.091	ng		99
54) 2,4-Dinitrophenol	14.392	184	101258	43.986	ng		96
55) Dibenzofuran	14.674	168	874190	41.070	ng		94
56) 4-Nitrophenol	14.492	139	153264	43.949	ng		87
57) 2,4-Dinitrotoluene	14.645	165	236305	43.477	ng	#	87
58) Fluorene	15.321	166	741175	41.277	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.898	232	198351	42.282	ng		93
60) Diethylphthalate	15.116	149	773327	41.393	ng		97
61) 4-Chlorophenyl-phenyle...	15.327	204	367460	41.327	ng		91
62) 4-Nitroaniline	15.357	138	190169	43.716	ng		90
63) Azobenzene	15.616	77	771015	41.464	ng		94
65) 4,6-Dinitro-2-methylph...	15.410	198	146044	43.640	ng		88
66) n-Nitrosodiphenylamine	15.545	169	643158	41.009	ng		99
67) 4-Bromophenyl-phenylether	16.221	248	228977	41.477	ng		94
68) Hexachlorobenzene	16.321	284	256838	41.286	ng		97
69) Atrazine	16.504	200	239430	41.585	ng		97
70) Pentachlorophenol	16.668	266	176422	43.377	ng		99
71) Phenanthrene	17.062	178	1218272	41.232	ng		100
72) Anthracene	17.151	178	1213207	41.638	ng		100
73) Carbazole	17.427	167	1200306	41.616	ng		99
74) Di-n-butylphthalate	18.004	149	1438338	42.451	ng		99
75) Fluoranthene	19.080	202	1529050	41.352	ng		99
77) Benzidine	19.274	184	707951	46.965	ng		99
78) Pyrene	19.445	202	1594938	41.830	ng		99
80) Butylbenzylphthalate	20.362	149	713804	43.846	ng		99
81) Benzo(a)anthracene	21.192	228	1667346	41.205	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	475392	42.857	ng		100
83) Chrysene	21.245	228	1615155	41.085	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	1095942	43.451	ng		97
85) Di-n-octyl phthalate	22.015	149	1890007	43.761	ng		99
87) Indeno(1,2,3-cd)pyrene	25.574	276	1924203	42.891	ng		100
88) Benzo(b)fluoranthene	22.744	252	1725699	41.482	ng		100
89) Benzo(k)fluoranthene	22.786	252	1689085	43.413	ng		99
90) Benzo(a)pyrene	23.297	252	1613040	43.073	ng		99
91) Dibenzo(a,h)anthracene	25.580	278	1663659	42.839	ng		100
92) Benzo(g,h,i)perylene	26.232	276	1575661	42.584	ng		99

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

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