Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031018.D
Acq On : 20 Jul 2021 11:24
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:10 AM

Quant Time: Jul 20 11:55:10 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 11:22:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	69454	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	307306	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	226180	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	514819	20.000	ng		0.00
76) Chrysene-d12	21.209	240	591823	20.000	ng		0.00
86) Perylene-d12	23.385	264	613348	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	377715	96.922	ng		0.00
7) Phenol-d6	6.822	99	566896	101.159	ng		0.00
23) Nitrobenzene-d5	8.792	82	617167	100.559	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	297155	100.111	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1493910	97.235	ng		0.00
79) Terphenyl-d14	19.656	244	3011554	99.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	71155	45.914	ng		94
3) Pyridine	3.622	79	217944	49.159	ng		91
4) n-Nitrosodimethylamine	3.540	42	124347	49.502	ng		92
6) Aniline	6.981	93	301390	50.017	ng		98
8) 2-Chlorophenol	7.210	128	227363	49.483	ng		100
9) Benzaldehyde	6.792	77	161074	48.760	ng		99
10) Phenol	6.851	94	272820	50.017	ng		93
11) bis(2-Chloroethyl)ether	7.081	93	199160	49.044	ng		94
12) 1,3-Dichlorobenzene	7.528	146	240345	48.502	ng		95
13) 1,4-Dichlorobenzene	7.675	146	245849	48.589	ng		96
14) 1,2-Dichlorobenzene	7.986	146	239693	48.590	ng		97
15) Benzyl Alcohol	7.881	79	239012	50.239	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	249604	48.924	ng		96
17) 2-Methylphenol	8.081	107	194911	50.228	ng		97
18) Hexachloroethane	8.704	117	97965	49.659	ng		93
19) n-Nitroso-di-n-propyla...	8.451	70	202957	50.234	ng		99
20) 3+4-Methylphenols	8.410	107	274002	50.612	ng		98
22) Acetophenone	8.457	105	378009	49.206	ng	#	96
24) Nitrobenzene	8.833	77	306594	49.390	ng		99
25) Isophorone	9.357	82	550315	49.771	ng		99
26) 2-Nitrophenol	9.533	139	135571	51.414	ng		93
27) 2,4-Dimethylphenol	9.598	122	207804	49.694	ng		95
28) bis(2-Chloroethoxy)met...	9.839	93	276693	49.125	ng		99
29) 2,4-Dichlorophenol	10.057	162	248496	50.707	ng		95
30) 1,2,4-Trichlorobenzene	10.275	180	264407	49.674	ng		98
31) Naphthalene	10.457	128	784455	49.459	ng		99
32) Benzoic acid	9.757	122	181320	53.395	ng		95
33) 4-Chloroaniline	10.575	127	344154	50.651	ng		97
34) Hexachlorobutadiene	10.739	225	166005	47.785	ng		95
35) Caprolactam	11.369	113	85622m	52.857	ng		
36) 4-Chloro-3-methylphenol	11.704	107	285721	51.121	ng		94
37) 2-Methylnaphthalene	12.074	142	607128	49.872	ng		97
38) 1-Methylnaphthalene	12.298	142	575471	49.497	ng		99
40) 1,2,4,5-Tetrachloroben...	12.445	216	311622	48.474	ng		99
41) Hexachlorocyclopentadiene	12.427	237	180159	49.606	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	224042	49.884	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	245739	49.918	ng		94
46) 1,1'-Biphenyl	13.104	154	783090	48.642	ng		100
47) 2-Chloronaphthalene	13.139	162	620859	48.621	ng		95
48) 2-Nitroaniline	13.351	65	209107	52.234	ng		93
49) Acenaphthylene	13.992	152	1012761	49.940	ng		99
50) Dimethylphthalate	13.745	163	828773	48.890	ng		99
51) 2,6-Dinitrotoluene	13.857	165	192274	50.986	ng	#	83
52) Acenaphthene	14.339	154	623053	49.224	ng		98
53) 3-Nitroaniline	14.186	138	198185	52.001	ng		97
54) 2,4-Dinitrophenol	14.392	184	118901	54.244	ng		95
55) Dibenzofuran	14.674	168	1020085	49.062	ng		95
56) 4-Nitrophenol	14.498	139	176759	52.787	ng		86
57) 2,4-Dinitrotoluene	14.645	165	271342	51.311	ng	#	85
58) Fluorene	15.321	166	867413	49.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	228990	49.839	ng	#	92
60) Diethylphthalate	15.115	149	901773	49.519	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	427154	48.441	ng	#	89
62) 4-Nitroaniline	15.357	138	220991	53.045	ng		90
63) Azobenzene	15.621	77	904221	50.291	ng		95
65) 4,6-Dinitro-2-methylph...	15.410	198	170624	52.825	ng		86
66) n-Nitrosodiphenylamine	15.545	169	753174	49.047	ng		99
67) 4-Bromophenyl-phenylether	16.221	248	264213	48.701	ng		94
68) Hexachlorobenzene	16.321	284	296710	48.880	ng		95
69) Atrazine	16.504	200	278407	49.979	ng		96
70) Pentachlorophenol	16.668	266	205775	51.950	ng		96
71) Phenanthrene	17.062	178	1421865	49.951	ng		99
72) Anthracene	17.151	178	1408584	50.158	ng		100
73) Carbazole	17.427	167	1395882	50.703	ng		99
74) Di-n-butylphthalate	18.003	149	1680442	51.230	ng		99
75) Fluoranthene	19.080	202	1789019	50.979	ng		99
77) Benzidine	19.274	184	687884	44.689	ng		99
78) Pyrene	19.445	202	1859764	49.379	ng		99
80) Butylbenzylphthalate	20.362	149	824762	51.145	ng		99
81) Benzo(a)anthracene	21.192	228	1945809	49.715	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	550327	51.597	ng		98
83) Chrysene	21.244	228	1900929	49.928	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	1283450	51.773	ng	#	96
85) Di-n-octyl phthalate	22.009	149	2175904	51.875	ng		99
87) Indeno(1,2,3-cd)pyrene	25.568	276	2205283	51.685	ng		100
88) Benzo(b)fluoranthene	22.738	252	2047683	50.131	ng		99
89) Benzo(k)fluoranthene	22.786	252	1936211	49.733	ng		99
90) Benzo(a)pyrene	23.297	252	1858506	50.431	ng		100
91) Dibenzo(a,h)anthracene	25.579	278	1912749	51.883	ng		99
92) Benzo(g,h,i)perylene	26.232	276	1804856	51.604	ng		99

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

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